DOCUMENT RESUME

ED 244 757 RC 014 770

AUTHOR	LaValla, Patrick H.
TITLE	Resource Guide for Search and Rescue Training Materials.
INSTITUTION	Emergency Response Inst., Tacoma, WA.; Survival Education Association, Tacoma, WA.
REPORT NO	ISBN-0-913724-17-3
PUB DATE	78
NOTE	76p.
AVAILABLE FROM	Survival Education Associaton, 9035 Golden Givens Road, Tacoma, WA 98445 ($5.00 plus postage and handling charges).
PUB TYPE	Reference Materials - Bibliographies (131)
EDRS PRICE	MF01/PC04 Plus Postage.
DESCRIPTORS	Equipment; Films; First Aid; *Instructional Materials; *Outdoor Education; Physical Fitness; Rescue; *Resource Materials; Teaching Methods; Trainers; Training
IDENTIFIERS	Aviation; Emergency Preparedness; *Search and Rescue Missions; Survival Skills

ABSTRACT

The bibliography about search and rescue training materials lists booklets, books, manuals, films, papers, periodicals, and pamphlets that treat many aspects of search and rescue situations: general, cave, disaster, and mountain rescues; strategy tactics; communications; knots and ropes; outdoor living; dogs; tracking; map and compass; survival; physical fitness; cybernetics; commissary/mass feeding; training manuals; winter and water search and rescue; avalanches; scuba; boating; aviation; medical considerations; and first aid. For each of the approximately 400 items included, the bibliography lists the title, author, number of pages, size, and publication information. For films, the bibliography includes the film distributor, film number, name, and, sometimes, the length of the film. Many of the entries are annotated. The bibliography also gives information about 30 search and rescue schools, commercial sources of search and rescue equipment, sources of government materials, and names and addresses of experts in the field. (SB)

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INVITATION TO JOIN NASAR

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NASAR, a national non-profit membership association, has been established to develop a national organization which supports, coordinates, develops, informs, promotes and implements Search and Rescue capabilities with the underlying principal of saving lives. NASAR provides a public forum for the liaison of state, federal, local and private search and/or rescue groups, NASAR acts as an umbrella over dissimilar SAR organizations under which matters of mutual interest may be addressed.

NASAR promotes and coordinates survival education (Preventive Search and Rescue) programs.

NASAR sponsors a periodical publication which contains technical, administrative, operational, training and educational information of interest to the membership and to others who are involved in the fields of search and rescue or survival education.

GOALS

NASAR goals are evolutionary but at present are dedicated to developing increased state, federal, local and volunteer coordination; improved SAR management of resources, improved SAR strategy, tactics and techniques, full application of the newest technologies to SAR; and greater expertise and effectiveness in saving lives.

Resource Guide for Search and Rescue Training Materials

Edited by
Patrick H. LaValla
" Rick "

Standard Book Number 0-913724-17-3
Printed in U.S.A.
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Survival Education Association

Available from
Survival Education Assn.
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Tacoma Wash. 98445
(206) 531 - 3156

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SAR Management Courses

INDRODUCTION AND EDITORIAL COMMENT

THIS PUBLICATION REPRESENTS MY FIRST ATTEMPT TO PROVIDE A NATIONAL RESOURCE-BIBLIOGRAPHY TRAINING GUIDE FOR SEARCH, RESCUE, EMERGENCY RESPONSE. THIS GUIDE IS BY NO MEANS COMPLETE BUT IT IS A PLACE TO START. PROGRESS HAS BEEN SLOW DUE TO THE LACK OF RESPONSE TO THE MEMOS AND ARTICLES REQUESTING INFORMATION AND I WANT TO THANK THOSE FEW PEOPLE WHO HAVE RESPONDED...

WHENEVER I COULD, I ATTEMPTED TO PERSONALLY REVIEW THE PUBLICATIONS, FILMS, OR ORGANIZATION TO INSURE THE VIABILITY TO SAR TRAINING. BUT, A LOT OF THE ITEMS LISTED WERE BORROWED FROM ADVERTISEMENTS, BOOK REVIEWS, AND OTHER BIBIOGRAPHIES. FURTHER COMMENT ON THE CONTENT OF THIS PUBLICATION IS DESIRED FROM THE SAR COMMUNITY.

THIS PUBLICATION WILL BE REVISED THIS WINTER AND WILL BE UPDATED ON A YEARLY BASIS. EVERYONE HAS AN EQUAL OPPORTUNITY TO HAVE THEIR PUBLICATION, FILM, SCHOOL, EQUIPMENT, OR ORGANIZATION INCLUDED. (SEE THE COUPON AT THE BACK)

ONE OF THE MAJOR GOALS OF NASAR IS TO SHARE INFORMATION AND I AM HOPING THIS PUBLICATION WILL HELP TO ACCOMPLISH THAT GOAL.

LET ME HEAR FROM YOU. I AM SURE THERE ARE MORE MATERIALS AND TRAINING AIDS AVAILABLE.

RICK LaVALLA
JUNE 1978

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RESCUE

EVACUATION OF AERIAL PASSENGER TRAMWAYS AND LIFTS, 1976, Reference No. A13.84/2:7320.2 SN 001-001-00409-0. 36 pages, illustrated. Cost: $1.00.
Contents: Familiarizes the reader with basic procedures, and equipment involved in the rescue of serial passenger tramway carriers. It suggests evacuation procedures, and materials for the personnel actually performing carrier evacuations.
Available from U.S. Government printing Office, Supt. of Documents, Washington, D.C. 20402.

FIRST AID AND EMERGENCY RESCUE by Lawrence W. Erven, 1970. Glencoe Press, 8701 Wilshire Blvd. Beverly Hills, California 90211. 408 pages. Cost: $6.95
Contents: For a thorough treatment of emergency medical care, fire department type rescue and evacuation, and water rescue techniques, this book is one of a kind. Highly recommend this document to every SAR team for familiarization with the more common rescue tools and techniques used in fire department rescue. Interestingly, this book is not only well illustrated but filled with many exciting photographs.

VEHICLE RESCUE by Harvey Grant. GHP Publications, P.O. Box 159, Carlsbad, California 92008. 416 pages, paperback. Cost: $14.78.
Contents: Treats accident scene activities as a total system of operation. Vehicle Rescue is designed to guide fire, rescue, ambulance and police personnel in the training and performance of vehicle rescue operations. The book covers a wide range of problems which could occur during any rescue operation and for which the professional rescuer must be prepared. The author defines the ten principle phases of the rescue procedure - showing each phase, with its theories and techniques, in relation to the whole.

CAVE RESCUE

AMERICAN CAVES AND CAVING: TECHNIQUES, Pleasures and Safeguards of Modern Cave Exploration. Available from, Backpacker Books, Bellows Falls, Vermont 05101. Excellent handbook for speleologists both novice and advanced by William R. Holliday, M.D. Director of the Western Speleological Survey. Explains types of caves, where they are found, and techniques for safely exploring them. 248 pages, 108 photos and drawings 3 maps (hard cover) Cost: $10.00.

DISASTER RESCUE

THE SALVATION ARMY MANUAL FOR EMERGENCY DISASTER SERVICE. Salvations Army, 1972. 80 pages.
Contents: Publication contains many good SOPs and outlines for the full range of disaster services. A good minimum guidelines manual.

RESPONDING TO DISASTER edited by Vanderlyn R. Pine. Bulfin, 1887 North Water Street, Milwaukee 53202. 190 pages.
Contents: Most of the material should be of specific interest to professionals who become involved in disaster aftermath operations. Good information on disaster behavior; legal aspects of disaster; medical perspectives; role of Federal Government. Contains several good procedure plans.

FIRST AID FOR PSYCHOLOGICAL REACTIONS IN DISASTERS, American Psychiatric Association, 1700 18th Street N.W., Washington, D.C. 10009

IN TIME OF EMERGENCY, (A citizen's handbook), Dept. of Defense, DCPA, Washington, D.C. 20242

2 A

"EMERGENCY RESCUE SQUAD MANUAL", Ohio Trade and Industrial Education Service, State Department of Education, Columbus, Ohio, latest edition

"DISASTER HANDBOOK", Soloman Garb, M.D., Springer Publishing Company, 44 East 23rd Street, New York, 1964

*INSTRUCTOR'S GUIDE: BASIC RESCUE COURSE (IG 14.1, Aug. 1963). The book is free. Contents: First of a series of rescue training guides, this guides contains the first steps in developing standard procedures of rescue. It is part of a kit for assisting government-trained employees and auxillaries who will go into damaged buildings, remove survivors, and bring them out to safety.

*INSTRUCTOR'S GUIDE: LIGHT DUTY RESCUE COURSE (IG 14.2, Dec. 1963). This book is free. Contents: This guide provides training for individuals who will become members of organized rescue squads for releasing injured and uninjured people trapped in lightly damaged structures or in shelters with limited access problems.

*STUDENT MANUAL: EMERGENCY RESCUE TRAINING (SM 14.1, Jan. 1974). This book is a pocket edition and is free.
Contents: This manual contains a resume of most of the subjects covered in the Defense Civil Preparedness Agency instructor guides on basic, light, and heavy duty rescue. It is a guide to emergency "spot" training of expanded rescue forces by civil defense rescue cadremen who have been trained in DCPA recommended rescue.

*STUDENT MANUAL: RESCUE SKILLS AND TECHNIQUES (SM 14.2, July 1972) This book is free. Contents: This guide is used in rescue training programs of State and local governments. It explains rescue skills and techniques for rescue service in peacetime or attack-caused emergency.

*The four above books are available through the following sources:

Defense Civil Preparedness Agency, 2800 Eastern Boulevard (Middle River), Baltimore, Maryland 21220, or

Director, Region One, Defense Civil Preparedness Agency, Federal Regional Center, Maynard, Massachusetts 01754.

Director, Region Two, Defense Civil Preparedness Agency, Federal Regional Center, Olney, Maryland 20832.

Director, Region Three, Defense Civil Preparedness Agency, Federal Regional Center, Thomasville, Georgia 31792.

Director, Region Four, Defense Civil Preparedness Agency, Federal Center, Battle Creek, Michigan 49016.

Director, Region Five, Defense Civil Preparedness Agency, Federal Regional Center, Denton, Texas 76201.

Director, Region Six, Defense Civil Preparedness Agency, Federal Regional Center, Bldg. 710, Denver, Colorado 80225.

Director, Region Seven, Defense Civil Preparedness Agency, P.O. Box 7287, Santa Rosa, California 95401.

Director, Region Eight, Defense Civil Preparedness Agency, Federal Regional Center, Bothell, Washington 98011.

STRATEGY AND TACTICS

- A STATISTICAL ANALYSIS OF LOST PERSONS IN WIDERNESS AREAS-NO. 2, by William G. Syrotuck, 1973.
Contents: This paper provides a foundation for planning a search for a lost person in a wilderness area. It is an extension of the one published in 1972. Charts are provided that indicate the areas of highest probability for locating persons lost on level ground and lost on slopes and suggested search plans for finding these victims. It also contains some general discussion on weather and victim behavior. Of particular interest to operational leaders who plan search strategy. 26 pages. Cost: $2.95

- BEHAVIOR OF LOST PERSONS IN WIDERNESS AREAS, William G. Syrotuck.
Contents: This book is a further extension of Statistical Analysis No. 2 with more case histories of lost persons and a greatly expanded discussion of the behavior of lost persons. The book is divided into four chapters: 1. General aspects of behavior which includes discussions of different fears of lost persons, biological cycles, health, past experiences, weather and circumstantial behavior. 2. Explanation and uses of data collected. 3. Distribution of lost persons. These charts are further broken down into the categories of children 1 - 6, children 6 - 12, hikers, hunters, elderly, mentally retarded, despondent, and miscellaneous. Terrain is differentiated between flat and mountainous. 4. How to spply this information to a search.

  An extremely valuable aid to search directors. This is the only work for ground searches that gives statistical data on areas of highest probability to search. 35 pages Cost: $2.95

- SOME GRID SEARCH TECHNIQUES FOR LOCATING LOST INDIVIDUALS IN WILDERNESS AREAS, William G. Syrotuck.
Contents: A grid line is a group of people, assembled in a straight line, with the purpose of moving, in unison, in a particular direction, with the object of methodically searching for a victim or evidence. The grid line has been used for many years as the basic method of searching, and over a period of time, has become traditional.

  This paper examines the grid line, its effectiveness, and puts forth some suggestions to increase the efficiency. It introduces different techniques that may save time or increase the probability of detection. 24 pages. Cost: $2.95

  AN INTRODUCTION TO LAND SEARCH PROBABILITIES AND CALCUALTIONS, William G. Syrotuck.
Contents: Search probabilities and calculations are intended as an aid to search planning and decision making. This paper introduces formulas and calculations that are a means of measuring optimum planning, compromise or progress under the reality of any particular mission. Some topics covered are probability of detection, probability of area, probability of success, distribution of resources, search planning systems, and administration of search plans. 55 pages. Cost: $2.95

- OUTLINE FOR STRATEGY AND TACTICS, William G. Syrotuck.
Contents: This paper puts forth in concise outline form information on <u>where</u> to look for the subject (strategy) and <u>how</u> to look for the subject (tactics). Subjects covered are several ways to predict the approximate location of the victim, search planning information, categories of resources (clue finders, clue/victim finders, victim finders), probability of detection and methods, efficient distribution of resources, determining area size for grid searching, and adjusting probabilities. A good overall view of what should be involved in planning search tactics. Available soon.

- The above materials are available, postpaid, from Arner Publications, P.O. Box 307, -R
- Westmoreland, New York 13490

4 A

MOUNTAIN RESCUE LEADERSHIP, by Paul Williams. Mountain Rescue Council, Seattle, Washington. Cost: $2.25 Available from MRA, P.O. Box 396, Altadena, California 91001

MOUNTAIN SEARCH FOR THE LOST VICTIM by Dennis Kelley, SAR Magazine, P.O. Box 153, Montrose, California 91020. 283 pages.
Contents: Dennis' book is the pioneer in modern SAR strategy and tactics philosophies. This text should be required reading for anyone involved with SAR at any level. Contains all the minimum "must-know" knowledge in how to efficiently and thoroughly locate a missing subject. Explains: theory of search; victim behavior; responsible agency actions; initiating a mission and interrogation; base camp operations; SAR planning; an indepth look at strategies and tactics; the searcher, training; contingency analysis. Many practical outlines, checklists, diagrams.

TEAM COMMANDERS NOTEBOOK by Penn. Wing, CAP. Ranger HQ Squadron, Penn. Wing, CAP, P.O. Box 3173, Bethlehem, Penn. 18017. Also available from Penn. Wing CAP HQ, 526 Acorn Street, Philadelphia, PA 19128. 8-1/2 x 11 at a cost of 50¢ each booklet.
Contents No. 3: Land Search Theory provides necessary information for the intelligent planning of a ground search effort.

MOUNTAIN RESCUE SKILLS

HANDBOOK OF AMERICAN MOUNTAINEERING, by Kenneth A. Henderson, Haughton Mifflin Company, Boston, Mass.

MOUNTAIN LEADERSHIP, by Eric Langmuir. Scottish Council of Physical Recreation, 4 Queensferry Street, Edenburg, EH 24PB.

SAFETY ON MOUNTAINS, by John Jackson. Central Council of Physical Recreation, 26 Park Crescent, London WIN4AJ.

BERGSTEIGEN: BASIC ROCK CLIMBING, by R.C. Aleith, also available from Arizona Mountaineering Club. Drawings and photos. Cost: $5.50.
Contents: Comprehensive technical guide with the novice climber in mind. Includes chapters on ropes, piton craft, rapelling, aid climbing, group climbing, etc.

BASIC ROCKCRAFT, by Royal Robins, also available from LaSiesta Press, Box 406, Glendale, California 91209. Cost: $1.95.
Contents: Starting with basic knots, this manual covers many facets of modern climbing techniques and gear. Complete discussion of belays, grips and holds, etc.

ADVANCED ROCKCRAFT, by Royal Robins, also available from LaSiesta Press, Box 406, Glendale, California 91209. Cost: $2.95
Contents: All the secrets of one of America's foremost rockclimber. Everything about rock climbing, leading, chockcraft, modern techniques of aid, big walls, soloing, ethics, etc.

MOUNTAIN OPERATIONS, U.S. ARMY, FM 31-72, also available from U.S. Government Printing Office, Washington, D.C. 20402. Stock No: 1964, 0-728-686, 159 pages, illustrations.
Contents: This manual covers specialized techniques and training required for combat in mountain areas. Good sections on weather, basic mountain technique, ropes, knots, pioneering, snow and glacier travel, avalanches, rescue. Contains a training program.

MOUNTAIN SEARCH AND RESCUE TECHNIQUES, by W.G. "Bill" May, also available from Rocky Mt. Rescue Group, Inc., P.O. Box Y, Boulder, Colorado 80302. 301 pages, 123 illustrations. Cost: $4.75.
Contents: Involves finding or evacuation to a road and medical care of a lost or injured person from easy or technically difficult mountainous terrain. Mountain Search and Rescue Techniques address the question: What does the individual need to know to be competent in mountain search and rescue operations? The book emphasizes up to date rescue and evacuation techniques and covers practical mountain search methods. Aspects of general mountaineering and first aid crucial to mountain rescue are also discussed. Search strategy and other leadership subjects are presented in condensed form so that the searcher or rescuer will understand the overall considerations that may go into forming his individual instruction. The book is particularly well suited for use as a training manual by search and rescue units.

MOUNTAINEERING: THE FREEDON OF THE HILLS, by the Mountaineers, Peggy Ferber, Editor, also available from The Mountaineers, 719 Pike Street, Seattle, Washington 98101. 478 pages, 6-1/2 x 9-1/2, hardbound. Cost: $11.95.
Contents: Most complete, up-to-date text available on general mountaineering, with particular emphasis on wilderness mountaineering. Covers equipment, camping and sleeping, wilderness travel, navigation in the hills, route finding on rock, roped climbing, balance, counterforce, belaying, pitoncraft and rappels, snow, ice, glaciers, arrests and belays, the climbing party and its leadership, dangers, first aid, rescue rescue, mountain geology, snow, and weather. An appendix covers cuisine, food requirements for climbers.

INTRODUCTION TO ROCK AND MOUNTAIN CLIMBING, by Ruth and John Mendenhall, 192 pages, illustrated.

IMPROVISED TECHNIQUES IN MOUNTAIN RESCUE by Bill March. The Jacobean Press, 58 Cove Street, Edinburgh, Scotland. Available from Mountain Safety Research, 1100 East Pike, Seattle, Washington 98122. 94 pages. Cost: $4.50.
Contents: Bill March has attacked the situation of rescue with a minimum of climbing gear head-on. Mountain rescue teams could advantageously use this book to reduce their individual payload in executing a mountain rescue evacuation.

HAZARDS IN MOUNTAINEERING, by Wilhelm Paulcke and Helmut Dumler, Oxford, New York, 1973, 161 Pages; $9.95.
Combines accurate technical information with excellant visual aids. Originally written in 1885, the book has been constantly expanded and improved through the years. Large sections on rock types, snow, and avalanches; skiing and winter mountaineering; glacier and ice travel; weather; altitude sickness. European climbing techniques and equipment are discussed and is one of the European standard books on the subject.

THE FIELD BOOK OF MOUNTAINEERING AND ROCK CLIMBING, by Tom Lyman with Bill Riviere, Winchester Press 205 E. 42nd Street, New York, New York 10017.
For advanced climbers as well as beginners, this field book of mountain knowledge gives you detailed coverage of the fundamentals and refinements of rock and snow climbing. All about equipment selection, rope handling, slab and wall climbing, slope walking, glacier travel, snow and ice climbing even expeditionary climbing. Lavishly illustrated with photographs and diagramatic drawings $8.95.

BIG WALL CLIMBING, Development, Techniques and Aids, by Doug Scott, Oxford University Press, 200 Madison Avenue, New York, New York 10016. $12.50
A well known climber with experience on challenging rock faces of the U.S. to the Himalyas has written an exciting new handbook on big wall climbing. Candid and practical, Doug Scott offers advice on every aspect of the sport, reviews its dramatic history, and adds scores of striking illustrations in a book to delight every climber, from beginner to veteran mountaineer. 200 photographs, 40 diagrams and maps.

MOUNTAIN RESCUE TECHNIQUES by Wastl Mariner, also available from Frohnweiler, Innsbruck, Maria-Theresien-Stasse 40, Austria. Available from The Mountaineers, P.O. Box 122, Seattle, Washington 98111. 200 pages, illustrated.
Contents: Translated from the German text, this manual assumes a complete competence on the part of the reader in the use of climbing equipment and techniques. Discusses specialized equipment and methods of mountain rescue to include: specialized rescue gear, transport with specialized gear, improvised rescue gear, transport with improvised gear, specialized winter rescue gear, avalanche rescue, winter transport

INTERNATIONAL MOUNTAIN RESCUE HANDBOOK by Hamish MacInnes, 1972. Charles Scribner's sons, New York. 218 pages, 150 photos, 130 drawings and diagrams.
Cost: $10.00 hardbound and $4.95 for paperback
Contents: This book is an illustrated guide to modern rescue evacuation methods. Contains a lot of good rescue photographs. The modern mountain rescue equipment and techniques presented are some of the most numerous and advanced in print.

MOUNTAIN SEARCH AND RESCUE, L.D. Bridge. Federated Mountain Clubs of New Zeland, P.O. Box 1604, Wellington, 1961.

MOUNTAIN SEARCH AND RESCUE OPERATIONS, (A handbook), Rocky Mountain Nature Association, P.O. Box 147, Estes Park, Colorado.

MOUNTAIN RESCUE AND CAVE RESCUE, The Mountain Rescue Committee, 9 Mildale Avenue, Templemeads, Buxton England.

MOUNTAIN SEARCH AND RESCUE OPERATIONS, The Grand Teton Natural History Association, Moose, Wyoming 83012.
Contents: Deals mainly with summer rescue problems. Basic mountaineering techniques are also explained.

BELAYING THE LEADER, AN OMNIBUS ON CLIMBING SAFETY, The Sierra Club, San Francisco, California 1956.

THEORY OF BELAYING, by Arnold Wexler, American Alpine Club, New York.

COMMUNICATIONS

SENDING AND RECEIVING SIGNALS - THE ART OF COMMUNICATIONS by Stan Bush, Colorado SAR Board, 2415 E. Maplewood, Littleton, Colorado 30121. A short (7 pages), concise, well-written paper that will give you all you need to know about communication procedures, codes, regulations, operations and more during SAR missions. You can probably obtain a copy for the price of postage and I am sure for $1.00 Stan will send several.

OPERATING PROCEDURE MANUAL, The Associated Public-Safety Communications Officers, Inc., P.O. Box 669, New Smyrna Beach, Florida, 1968

KNOTS, ROPES, ETC.

KNOTS FOR MOUNTAINEERING, by Phil D. Smith, The Desert Trail, 29 Palms, California, 1960. 28 pages, $1.00.

ROPES, KNOTS, AND SLINGS FOR CLIMBERS, by Wait Wheelock, LaSiesta Press, Box 406, Glendale, California 91209. Cost: $1.00.
Contents: Well illustrated climbers knot book, revised by Royal Robbins.

THE ASHLEY BOOK OF KNOTS, by Clifford Ashley. Harcover, 620 pages. Cost: $16.95.
Contents: The definitive book on knots with explicit directions on how to tie them, plus sketches and illustrations on every page. Covers 3,900 types of knots.

KNOTS AND SPLICES, by Percy W. Blandford, ARC Books, Inc. New York, 1962.
Available from: Backpacker Books, Bellows Falls, Vermont 05101. $.95. Basic knots, outdoor knots, climbers knots, anglers knots, boating knots, special knots, fancy knot work and splicing. 79 pages nearly 100 drawings. (paperback).

PRUSSIKING, by Robert Thrun. Published in 1973 by the National Speleological Society, Cave Avenue, Huntsville, Alabama, 35810. 8 1/2 x 11 inches, 75 pages, 64 sketches. $4.50 paperback.
Contents: An appropriate subtitle for this technical report might be "Everything you ever wanted to know about climbing a rope". Surveys knots, ascenders, and rope climbing schemes. Written from a caver's rather than mountaineer's viewpoint.

BASIC OUTDOOR LIVING SKILLS AND INFORMATION

FUNDAMENTALS OF OUTDOOR ENJOYMENT, by Gene Fear and Jim Mitchell. Cost: $3.50. Survival Ed. Assn., 9035 Golden Givens Road, Tacoma, Washington 98445. This text is intended primarily as a teaching guide, but can be used as a student text or even a self-teaching guide. Selected topics include: Body heat production and control; heat flow theory, insulation; outdoor cooking and eating; food selection; stores; outdoor sleeping; campsite selection; shelter; sleeping bags; wilderness navigation; observation; map and compass. Fundamentals of Outdoor Enjoyment is a distillation of everything an outdoorsman must know to plan and prepare effectively for any outdoor sport, any season, anywhere. Enjoyment depends upon sustaining the mind, brain and the body's efficiency while participating in the outdoor adventure. This book is designed to provide the knowledge and encourage forethought necessary for this planning and preparation.

SNOW CAMPING AND MOUNTAINEERING, By Edward A. Rossit, Funk and Wagnalls, Department BP, 666 Fifth Avenue, New York 10019, How to cozy up to a glacier or bed down in a blizzard, here's everything you need to know to meet the challenge of living outdoors under the most rigorous winter conditions: the nature of cold weather, proper clothing, the most effective gear, making camp, glacier mountaineering, traveling on snow and ice, cooking in winter camp, hunting and fishing, artic climate survival. Over 70 drawings and diagrams. Cost: $10.00.

INSTANT WEATHER FORECASTING, By Allan Watts, Dodd, Meade, Funk and Wagnalls, Department BP, 666 Fifth Avenue, New York 10019, A handbook for predicting local weather conditions. The author presents 24 color photographs of different sky conditions with accompanying tables giving alternate possibilities (depending on barometer reading and season) for what may be expected (and when it may be expected) in the way of wind, visibility, precipitation, cloud, temperature, and pressure. 64 pages, Cost: $3.75.

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BACKPACKING ONE STEP AT A TIME, by Harvey Manning, Recreational Equipment, Inc. Seattle, WA. 98122. 356 pages, Cost $2.95. A very readable book coving the basics of outdoor travel and camping. Topics vary from how to walk and routefinding to the new outdoor ethic. Sections on outdoor equipment are especially good.

HOW TO STAY ALIVE IN THE WOODS, by Bradford Angier, Collier Books, The MacMillan Company, 866 Third Avenue, New York, New York, 10022, 1976, Cost: $1.50. with 285 pages and over 60 illustrations, it covers almost every king of emergency situation. There are chapters on making a shelter, orientation and signaling, lighting a fire, emergency first aid, and wild edibles.

THE COMPLETE OUTDOORSMAN's HANDBOOK, by Jerome J. Knap, 192 pages. Illustrated with photographs and drawings. Published by Paguian Press Limited, distributed by Publishers Marketing Group, 1515 Broadway, New York, New York 10036. Price, $4.95. This book provides a good introduction to the basic skills of outdoor living. Of special interest to wildlife lovers is Knap's nutshell explanation of carrying capacity and population dynamics in the first chapter. Other topics touched on in this book include wildlife hazards; insect pests; poisonous plants and animals; use of map and compass; binoculars and spotting scopes; use of knife, ax and chain saw; campfires; canoeing; archery; snowshoeing and ski touring; snowmobiling; preparing and cooking fish and game; wilderness survival and first aid.

TRAILSIDE COOKING, by Russ Mohney, 176 pages. Illustrated with black and white drawings and charts. Published by Stackpole Books, P.O. Box 1831, Harrisburg, PA. 17105. Price $2.95. Before backpacking and camping next summer you will want to refer to Mohney's recipes using freeze dried and supermarket ingredients. This recent paperback can take the guess work out of how much to take for dietary needs. It also covers cooking fires, utensils, and planning in a light, interesting way.

WALKING IN THE WILD, By Robert J. Kelsey, Funk and Wagnalls, Department BP, 666 Fifth Avenue, New York 10019. The complete backpacker's guide for all seasons. High and low mountain areas; alone, with one person, or a family, clothing, equipment, trail techniques, setting up camp, cooking. Written by an outdoorsman with forty years experience in woods and mountains, desert and seashore, as backpacker, hiker, canoeist, and camper, 30 photos, 30 line drawings. Cost: $6.95.

LIGHT WEIGHT CAMPING EQUIPMENT AND HOW TO MAKE IT, by Gerry Cunningham and Margaret Hanson. Charles Scribner's Sons, 150 pages Cost: $9.59. Contents: How do you make a day pack, belt packet or tent? These and other projects are explained in the text and diagrams of this book. Fabrics, insulation, hardware and sources for these supplies are also listed.

WILDERNESS HANDBOOK, by Paul Petzoldt, W.W. Norton and Company, Inc., New York. Also available from Paul Petzoldt, Wilderness Equipment, Box 78, Lander, WY. 82520. 286 pages, hardbook. Cost: $7.95.
Contents: By the "father" of American Mountaineering, contains no untested theories and is the sum of a lifetime of experience. Discussed are: conservation of the individual, his equipment and the environment, selection of clothing, equipment, and rations, trail technique, camping for conservation, basic climbing, snow techniques, winter mountaineering, maps, knots and includes valuable checklists, recipes and teaching guidelines. A must!

WEATHER, by Lehr, Burnett, and 2 m, Paul Petzoldt, Wilderness Equipment, Box 78, Lander, WY. 82520. Cost $1.50.

THE NEW COMPLETE WALKER, by Colin Fletcher, Alfred A. Knopf, New York, 470 pages, illustrated, available in paperback. Cost: $10.00 hardbound. Contents: The "hikers bible". One of the most practical, authoritative comprehensive books on backpacking. Everything is discussed in detail. Many practical guidelines and checklists. A must for outdoor living.

PACKRAT PAPERS, Signpost Publications, 16812-F 36th Avenue West, Lynnwood, Washington 98036. 2 volumes, 3.95 each, #1 deals with clothing, equipment. #2 deals with food, safety, survival and wilderness treatment.

THE WHOLE AIR WEATHER GUIDE, by Walter F. Dabberot. An informative easy to understand book, defining weather elements their role in the making and understand of a weather forecast. Cost: 2.95.

KNOWING THE OUTDOORS IN THE DARK by Vinson Brown, 1972. Stackpole Books, Cameron and Kelker Streets, Harrisburg, PA 17105. 191 pages. Cost: $6.95. Contents: In the relm of night searching, which has been successfully practiced by the Montrose SAR Team of Los Angeles in finding 60% of their victims at night, they have sought a text that teaches cross-country travel at night. Well this is it. Vinson Brown's book tells not only how to travel at night, but how to do it safely and without fear. Though this book has a naturalists slant, you will find it educational as well as interesting. More important however, I hope this book will encourage the routine practice of night searching with the resulting savings in lives

HOW TO READ THE NIGHT SKY, A new and easy way to know the stars, planets. Written by former planetarium director W.S. Kals. Available from: Backpacker Books, Bellows Falls, Vermont 05101. This book explains a new method of learning to identify heavenly bodies. 155 pages; illustrated; calander of night sky activity. Cost: $4.95.

PREVENTIVE SEARCH AND RESCUE, Gene Fear and Rick LaValla, NASAR Paper 77-1017.

SCENT AND THE SCENTING DOG, by William G. Syrotuck. Available from Arner Publications, P.O. Box 307-R, Westmoreland, New York 13490.
Contents: It has been known for many years that dogs are able to follow a human being. In the absence of a "track" the dog is still able to detect the presence of a human. This book explains what scent is, compares the dog's and human's scent abilities and describes the human as a scent source, the ground scent source, how scent is transmitted, how the air and atmosphere affect scent, an analysis of the scent picture; and working dogs on scent. It distinguishes between the tracking dog, the trailing dog, and the air scenting or searching dog, showing why the air scenting dog is the superior choice for search and rescue work. A thorough understanding of scent theory greatly facilitates the dog handler in training and in giving his dog every possible advantage when doing scent work and in being able to analyze and correct problems. This book is the basis for all air scenting search and rescue dog work in the United States. 102 pages, hard cover, $7.50.

GERMAN SHEPHERDS USED IN SEARCHING FOR LOST INDIVIDUALS, by W. Syrotuck, American Rescue Dog Association, 12642-164 Avenue N.E., Redmond, Washington 98052

HAPPINESS IS A DOG WITH A T.D., Helen F. Phillips, Mountain States Dog Training Club, Denver, Colorado, 1968.

BLOODHOUNDS AND HOW TO TRAIN THEM by Leon F. Whitney. Orange Judd Publishing Co., New York, 1947.

SEARCH AND RESCUE DOG TRAINING by Sandy Bryson. The Boxwood Press, 183 Oceanview Boulevard, Pacific Grove, California 93950. 210 pages, 5-1/2 x 8-1/2, illustrated, paperback. Cost: $5.95 plus 25¢ shipping
Contents: How to select a dog; how to teach a dog to search; how to communicate with your dog; outlines a training schedule, discusses testing procedures and solutions to training problems; gives search theory information; and tells how to form a volunteer SAR dog unit.

SAR DOG STRATEGY, by Sandy Bryson, a booklet, Cost: $3.00, Available from author, P.O. Box 14304, South Lake Tahoe, Calif. 95702.

THE ABC'S OF DOG SEARCH AND RESCUE, Jeff Doran, NASAR Paper 77-1015.

TRACKING

MAN TRACKING, by Roland Robbins, Cost $8.85, 120 pages, soft bound, numerous descriptive diagrams and pictures. Provides an introduction to the step-by-step tracking method. The first serious attempt at documenting the basics of this important (and often overlooked) search technique. Available from, SAR Magazine, P.O. Box 153, Montrose, California 91020.

TRACKING: A BLUEPRINT FOR LEARNING HOW, by Jack Kearney, Pathways Press, 525 Jeffree St., El Cajan, California 92020. Cost: $7.95. The book presents progressively more difficult exercises to be followed in order to become a tracker. It tells "why to look", "when to look", "where to look", "how to look", and "what to look for", Contains 66 photos and illustrations. It is the product of the author's 17 years of tracking experience for the Border Patrol including 10 years of searching for lost persons and 9 years of teaching tracking to SAR units nationwide.

LOST SOLES - THE TRACKER'S BOOT AND SHOE GUIDE, by McClelland and Evans
This is a catalog for search and rescue personnel and criminal investigators. To facilitate the indentification of tracks, there are 300 clear photographic copies of soles and shoe uppers, from hiking working, casual, tennis, women's and children's shoes. Footwear is taken from national retailers as well as discount chains, allowing the various categories to cover a broad spectrum of users. In all, over 20 nationwide retailers were used to gather an excellent cross section of sole types. The pictures and information are printed on heavy durable waterproof "Rite in the Rain" paper. They are bound in a rugged cover as looseleaf pages. This allows the guide to be updated yearly, at cost, to the purchaser. Information is cross referenced by store, shoe type, and shoe description for easy and quick print identification. Work sheets are included for sketching shoe shapes and recording pertinent information. All profits go to cover operating expenses for the Washington State Unit who compiled the book. Copies are $25.00 plus $1.40 postage and can be ordered from SARDA - R, 3035 64th S.W. Seattle, Washington 98116.

MAP AND COMPASS

BETTER WAYS OF PATHFINDING, by Robert S. Owendoff, The Stackpole Company, Harrisburg, PA.

WINDERNESS NAVIGATION, by Seattle Parks and Recreation, Seattle Parks and Recreation, 100 Dexter Avenue North, Seattle, Washington 98104.

READING U.S.G.S. MAPS, U.S. Geological Survey, Map Sales, Bldg. 41, Denver Federal Center, Denver, Colorado 80225.

STATE INDEX TO TOPOGRAPHIC MAPS, U.S. Geological Survey, Map Sales, Bldg. 41, Denver Federal Center, Denver, Colorado 80225.

BE EXPERT WITH MAP AND COMPASS, by Bjom Kjellstrom. Cost: $3.95.
Contents: Revised in 1973, this handbook covers the science and skills of orienteering with descriptive chapters on map reading, travel by compass and triangulation in an easy to understand format. Includes practice compass, protractor, maps.

MAP, COMPASS AND CAMPFIRE, by Donald E. Ratliss.
Contents: Deals primarily with map and compass. Also discusses fire-building techniques and basic survival.

TOPOGRAPHIC SYMBOLS, U.S. ARMY, FM21-31 by U.S. Government Printing Office, Washington, D.C. 20402. Stock No: 0-517-940, 102 pages illustrated. Contents: This manual describes the topographic symbols and abbreviations authorized for use by all echelons in the interpretation of military maps and overlays.

MAP READING, U.S. ARMY FM21-26 by U.S. Government Printing Office, Washington, D.C. 20402. Stock No: 1972, 0-450-616. Cost: $1.25. Contents: Provides information and guidance for personnel who are engaged in the use of maps, aerial photographs, and related materials. Good training aid.

TOPOGRAPHIC MAPS, 1976. Reference No: 1 19.2.T62/6/976 S/N 024-001-02793-3. Also available from Public Documents Distribution Center, Pueblo, Colorado 81009. Cost: 80¢. 28 pages illustrated. Contents: Describes and defines the essential parts of topographic maps the symbols, uses, origins and printing processes used to make map.

THE WILDERNESS ROUTE FINDER, The MacMillan Company, New York, 1967, Available from: Backpacker Books, Bellow Falls, Vermont 05101. Calvin Rutstrum brings obscure facts to light. Excellent chapter on delusions and why we get lost. Another on natural route finders, relying on feelings and orienting oneself by using stick and shadow. $1.50 (paperback) $4.95 (hard cover) 214 pages.

MAPPING, Available from: Backpacker Books, Bellow Falls, Vermont 05101. David Greenhold tells how to feel at home with any map. How to tell good maps from bad. How to make your own map. 290 pages, illustrated, index. (paperback) Cost:$2.95.

FINDING YOUR WAY IN THE OUTDOORS. Available from: Backpacker Books, Bellow Falls, Vermont 05101. A glossary of terms; a classification system for the three common compass types; a history of compasses and an explanation of the magnetic field; a buyers guide; and a host of tidbits are compressed by Robert L. Mooers, Jr. into this good book 275 pages. (hard cover). $5.95.

THINGS MAPS DON'T TELL US, Armin K. Lobeck explains how glaciers changed the face of North America, how rivers pass through high mountains, why some areas have no lakes and others 10,000; reading the earth through maps. 159 pages, many drawings (Hard Cover) Cost: $6.96. Available from Backpacker Books, Bellow Falls, Vermont 05101.

PATHFINDER OPERATIONS FM57-38, Department of the Army, Washington D.C. 1968

SURVIVAL

THE SURVIVAL BOOK by Nesbitt, Pond & Allen, Funk & Wagnalls, New York. Also available from Survival Education Association, 9035 Golden Given Road, Tacoma, Washington 98445. 338 pages, illustrated, paperback. Cost: $1.95
Contents: Based on the Air Force Survival Manual, this handbook offers complete survival technique and information for an emergency occuring anywhere on the globe.

SURVIVING THE UNEXPECTED WILDERNESS EMERGENCY by Gene Fear, Survival Education Association, 9035 Golden Given Road, Tacoma, Washington 98445. 192 pages, illustrated. Cost: $3.95
Contents: Written by "the father" of modern survival philosophy, this book has pioneered the concepts of total emergency preparedness education. Covers problem analysis, problem indicators, psychological stress, general survival principles, body energy, cold, heat, improvising, navigation, leadership, survival and first-aid kits and more. A must for better everyday living.

SURVIVING THE UNEXPECTED, Survival Education Association, 9035 Golden Given Road, Tacoma, Washington 98445. Paperback, 94 pages. Cost: $3.50.
Contents: Curriculum guide for wilderness survival and survival from natural and man made disasters.

DESERT SURVIVAL (Pamphlet), Maricopa County Department of Civil Defense and Emergency Services, 2035 North 52nd Street, Phoenix, Arizona 85008.
Contents: Desert survival; S.W. desert travel.

OUTDOOR LIVING, PROBLEMS, SOLUTIONS, GUIDELINES, Tacoma Mountain Rescue, Box 696, Tacoma, Washington 98401 99 pages.
A very good survival manual for backpackers. Covers survival in all aspects from snow to desert.

HOW TO SURVIVE ON LAND AND SEA, by Frank C. Craighead, Jr. and John J. Craighead. U.S. Naval Institute. 3rd edition, 1956. 366 pages Cost: $5.50. A detailed text on human survival under all conditions and in any climate. Praticial instructional details regarding food, clothing, shelter, and protection from the elements, animals, sea life, and insects. Section on atomic, chemical, and biological attack survival. Glossary, Index.

THE OUTDOORMAN'S EMERGENCY MANUAL, By Anthony J. Acerrano, Winchester Press, 205 East 42nd Street, New York, New York 10017. Cost: $10.00. From surviving a snowslide to coping with poison ivy itch, from encountering a bear on the path to encountering a skunk. This book shows you how to prevent and cope with a wide variety of outdoor emergencies. Topics include first aid, shelter building in various climates, obtaining fire, food, and water, repairing or manufacturing equipment, predicting weather, direction finding much more.

THE BOOK OF SURVIVAL, by Anthony Greenbank, $.95; 256 pages; 79 illustrations. Covers just about every conceivable emergency and instant actions to take. Also good sections on leadership, first aid, finding food and water, and the control of panic.

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DESERT

DESERT SURVIVAL, KTAR-TV News, KTAR-New-TV, P.O. Box 711, Phoenix, Arizona 85001.

DESERT SURVIVAL, Maricopa County Dept. of Civil Defense & Emergency Services, Arizona Game & Fish Dept., Information & Education Division, 2222 West Greenway Road, Phoenix, Arizona 85023.

HEAT STRESS AND HEAT DISORDERS, 1964, Leithead & Lind, Comprehensive review.

PHYSIOLOGY OF MAN IN THE DESERT, E. F. Adolph & Associates, Hafner Publishing Company, 31 East 10th Street, New York, New York 10003.

POISONOUS DWELLERS OF THE DESERT, Natt N. Dodge, S.W. Parks and Monuments Association, P.O. Box 1562, Globe, Arizona 85501.

COMMON SENSE IN DESERT TRAVEL, by Carl and Barbara Austin, Maturango Museum, China Lake, California.

PHYSICAL FITNESS/CONDITIONING

THE NEW AEROBICS, by Kenneth H. Cooper (Bantam Books, 1970, $1,50). Has gradual training programs in several activities for cariovascular conditioning.

AEROBICS FOR WOMEN, by Mildred Cooper and Kenneth H. Cooper (Bantam Books, 1978, $1.75). Cooper's famous exercise scheme (originally developed for the Air Force) carried a step further.

ROYAL CANADIAN AIR FORCE EXERCISE PLANS FOR PHYSICAL FITNESS (Simon and Schuster, 1976, $1.95). Daily routines for all around fitness.

DR. SHEEHAN ON RUNNING, by George A. Sheehan (World Publications, 1975, $3.50). A good introduction to the New Fitness, especially for joggers.

THE OFFICIAL YMCA PHYSICAL FITNESS HANDBOOK, by Clayton R. Myers (popular library, 1975, $1.50). Complete fitness program taught on the Old Fitness model.

CYBERNETICS

PSYCHO-CYBERNETICS, Maxwell Maltz, Essandess Special Editions, A Division of Simon & Schuster, Inc., 630 Fifth Avenue, New York, New York.

LEADERSHIP AND MOTIVATION, J. Clayton Lafferty, Experimental Learning Methods, 39819 Plymouth, Michigan 48170.

THE MANAGEMENT OF INTELLIGENCE, SCIENTIFIC PROBLEM SOLVING AND CREATIVITY, McGraw-Hill Company, New York, New York.

STRESS & BEHAVIOR, Seymour Levine, (Reprinted from Scientific American), W.H. Freeman & Co., 660 Market Street, San Francisco, California 94104.

PRINCIPLES OF HUMAN RELATIONS, R.F. Norman Maier, John Wiley and Sons, Inc., New York, New York.

AN APPROACH TO CYBERNETICS, Gordon Pask, Hutchinson, London, England.

THE COMPUTOR & THE BRAIN, John Von Newuman, Yake University Press, New Haven, Connecticut.

THE HUMAN USE OF HUMAN BEINGS, Norbert Wiener, MIT Press, New York, New York.

CYBERNETIC-ADDRESSES ESSAYS LECTURES, Gordon & Jeach (Bionics Symposium) Bionics Symposium, Dayton, Ohio.

SAN DIEGO MOUNTAIN RESCUE TEAM TRAINING MANUAL by San Diego Mountain Rescue. San Diego Mountain Rescue Team, P.O. Box 267, LaJolla, California 92037. Also available from NASAR, P.O. Box 2123, LaJolla, California 92037. 120 pages. 8-1/2 x 11. Cost: $15.00. Contents: A training manual in basic Search and Rescue Techniques. Contains information on the units' history, purpose, basic course outline and schedule. Contents: Equipment, knots, ropes, climbing, signals and codes, map and compass, operations, tracking, helirescue, ELT, survival, training requirements, equipment list and reading list.

SAN BERNARDINO SHERIFF'S SERVICE SEARCH AND RESCUE TRAINING MANUAL, P.O. Box 2333, W. Corina, California, 91793

HOW TO FORM A RESCUE TEAM by San Diego Mountain Rescue. National Association of Search and Rescue, P.O. Box 2123, LaJolla California 92037. 30 pages, 8 1/2 x 11. Cost: $5.00. Contents: The enclosed information presents a model of the organization, training schedules, history, qualifications and requirements of a technical mountain rescue team. This model is only one team's effort and is not meant to be a standard but only to provide "food for thought".

NATIONAL SEARCH AND RESCUE MANUAL, 1973, U.S. Government Printing Office, Washington, D.C. 20402. Contents: This manual covers the organization of SAR efforts on the national scene from a primarily military viewpoint. Though loaded with terminology and abbreviations, this book definately erases the impression that SAR is a simple and local concern. Sections on air and water search are good. The portion on land search is a little dated. Because of the overview it provides, this manual is recommended reading for OL's.

INFORMATION OFFICER'S HANDBOOK, (CAPM 190-1, April 1970) National Headquarters, Civil Air Patrol, Maxwell Air Force Base, Alabama 36112.

A MANUAL OF INSTRUCTION FOR SAR GROUPS, New York State Department of Environmental Conservation, 50 Wolf Road, Albany, New York 12233. Contents: Used as a training tool, familiarizing the readers with SAR techniques currently used by New York Forest Rangers.

SEARCH AND RESCUE MANUAL, by Pete Kutulas, Utah Peace Officers Standards and Training, 187 N. 9th West, Salt Lake City, Utah 84116. 89 pages; pictures and illustrations. Contents: This manual was written expressly for the Utah Peace Officer Standards and Training. It is intended to serve as a guide not rules and regulations. Covers: Organization and deployment; lost persons; drownings; mountain SAR operations; helicopter SAR operations; winter SAR operations; aircraft SAR operations; cooperation with related agencies and more.

MOUNTAIN RESCUE TRAINING MANUAL by Los Angeles County Sheriff's Department. 1974, Los Angeles County Sheriff, Los Angeles, California.
Contents: This training manual was written to provide a guide and basic outline of rescue procedures, and is intended as a supplement to field training. Covers team and personal equipment; rope management; knots; belay techniques; rappeling; balance climbing; snow and ice techniques; search and tracking; map and compass; litter and cliff evacuation; helicopter operations; emergency medical care.

POLICIES, PROCEDURES AND SAR STANDARDS MANUAL by Oregon State Sheriff's Association and Oregon Emergency Services Division. State of Oregon, Emergency Services Division, Room 8, Capitol Building, Salem, Oregon.
Contents: This manual is published for the information and guidance of Oregon sheriff and other directors of Search and Rescue. It includes information and instructions concerning minimum standards for training and certification of personnel in SAR as adopted by the Oregon State Sheriffs Association.

IDAHO MOUNTAIN SEARCH AND RESCUE MANUAL, P.O. Box 741, Boise, Idaho 1972.

SEARCH AND RESCUE ANNEX, LAW ENFORCEMENT MUTUAL AID PLAN, STATE OF CALIFORNIA, OFFICE OF EMERGENCY SERVICE, by State of California, Office of Emergency Services, P.O. Box 9577, Sacramento, California 95823.
Contents: The purpose of developing the annex was to bring about a better understanding of the functions and responsibilities of all elements of government who are expected to participate in SAR missions. A good working document to insure the proper utilitzation of all available resources.

- The following manuals can be ordered through: Within Washington State, Washington ESAR, Rt. 1, Box 118B, Cheney, Washington 99004 or Outside Washington State, Western Region ESAR, 16430 NE 172nd Place, Woodinville, Washington 98072

  - TEAM MEMBER AND TEAM LEADER TRAINING MANUAL, Explorer Search and Rescue, 1975 Revision, The manual includes sections on the following:

    Searching Techniques; Equipment, Food & Clothing; Wilderness Navigation; Communications; Helicopter Procedures; Hypothermia; Desert Search; Team Leader Training.

    The manual includes: 78 drawings & diagrams; 49 photographs; 80 pages; study questions and a list of resources.

  - BEGINNING AN ESAR PROGRAM, 1974, Intended for leaders of newly forming ESAR units, this booklet covers aspects of ESAR role, administrative structure, establishing relationships with official SAR agencies and other SAR units, Finances, equipment, communications, role of adults, liability, and other topics. 36 pages.

  - AN ESAR TRAINING PROGRAM, 1972, A detailed outline of a Council-level ESAR Training program. Includes descriptions of field courses, sequence of training, and outlines of lectures. 39 pages.

  - THE USE OF STRING LINES FOR SEARCH AND RESCUE, 1973, Describes the use of string lines for confinement, search area segmentation, and grid sweep control. Diagrams and parts list are given for a string dispenser. 12 pages.

  - AN ESAR INFORMATION UNIT, 1975, A description of the training, procedures, and equipment used by those whose responsibility it is to maintain a search operations map and provide related services. 27 pages.

  - THE TAYLOR MOUNTAIN EVIDENCE SEARCH, 1975, A description of the methods and techniques used in a massive 7 day search for the remains of 4 missing women in a rugged wilderness area. 25 pages.

  - AN EXPERIMENTAL ANALYSIS OF GRID SWEEP SEARCHING, 1974. Experimental data is reported on the thoroughness and efficiency of sweep searching. Variables considered include: between-man spacing, types of search objects, day or night, team speed, and effects of practice. 50 pages.

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LAND SEARCH AND RESCUE by Pennsylvania Wing, Civil Air Patrol. Ranger Hq Squadron, Penn. Wing, CAP, P.O. Box 3173, Bethlehem, Penn. 18017. Also available from Penn. Wing CAP HQ., 526 Acorn Street, Philadelphia, PA 19128. 185 pages. Cost: $3.35. Contents: The first of two volumes of Ranger Training Manual. Part I deals with individual training skills such as navigation, woodsmanship, mobility, first-aid, communications, etc. This is required text book for all Penna. Rangers and has been endorsed by National Hqs. Part II deals with team skills. If purchased in lots of 10 or more the price is $3.00 per book.

TEAM COMMANDERS NOTEBOOK by Pennsylvania Wing, Civil Air Patrol. Ranger Hq. Squadron, Penn. Wing, CAP, P.O. Box 3173, Bethlehem, Penn. 18017. Also available from Penn. Wing CAP HQ., 526 Acorn Street, Philadelphia, PA 19128. Cost: 50¢ each booklet; a series of five (5) booklets 8-1/2 x 11. A series of articles, each complete in itself. Booklet format, pre-punched for a three-ring binder.

1. AIR GROUND COORDINATION discusses techniques for coordinating the efforts of search aircraft and ranger teams. This booklet is of special interest to Pilots.

2. LATITUDE-LONGITUDE CONVERSION TABLES is a set of computer generated tables that simplify determining latitude and longitude on 7.5' and 15' geodetic maps.

3. LAND SEARCH THEORY provides necessary information for the intelligent planning of a ground search effort.

4. LEGAL ASPECTS OF A RANGER TEAM COMMANDER contains background information on legal problems that might arise in Ranger operations. Special emphasis is on negligence liability and air crash laws.

5. FORMING AND TRAINING A RANGER TEAM discusses techniques for forming and training a Ranger Team. This is a must for anyone that plans to start a Ranger Team. It covers all aspects of forming, equiping, fund raising ideas, and training schedules of a Ranger Team.

PENNSYLVANIA WING RANGER SOP by Pennsylvania Wing, Civil Air Patrol. Ranger Hq. Squadron, Penn. Wing, CAP, P.O. Box 3173, Bethlehem, Penn. 18017. Also available from Penn. Wing CAP HQ., 526 Acorn Street, Philadelphia, PA 19128. Cost: 50¢ each. Contents: The standard operating procedure for all Ranger Teams in the Penna. Wing. Includes description of Ranger Advancement Program.

COMMISSARY/MASS FEEDING

IG. 15.1 BASIC COURSE IN EMERGENCY MASS FEEDING by DCPA, ARC and HEW. U.S. Government Printing Office, Washington, D.C. 20402, or U.S. Army AG Publications Center, Civil Defense Branch, 2800 Eastern Boulevard (Middle River), Baltimore, Maryland 21220. Stock No: 1966-222-340.
Contents: This instructor's guide provides a detailed set of lesson plans which can be adapted to specific needs of communities.

H-15 BASIC COURSE IN EMERGENCY MASS FEEDING (Handbook) by DCPA, ARC, and HEW. U.S. Government Printing Office, Washington, D.C. 20402. or U.S. Army AG Publications Center, Civil Defense Branch, 2800 Eastern Boulevard (Middle River), Baltimore, Maryland 21220. Stock NO: 1966-0-222-411, 182 pages.
Contents: Student manual for IG 15.1. Also a ready reference for those who might become engaged in actual emergency feeding operations. Good guidelines, tables, recipes, etc.

The following publications are available from U.S. Government Printing Office, Superintendent of Documents, Washington D.C. 20402.

ARMED FORCES RECIPE SERVICE. A set of 700 recipes developed for military food service operations. The set incorporates changes 1-3, which previousley sold separately; change 4 is listed below. The recipes are designed to serve large groups, usually 100 persons, and range from main dishes to salads to desserts. Each recipe is printed on a separate, loose card. 1969, rep. 1976. D 101-11-10-412/2/rep. S/N 008-020-00608-4. Cost $21.00.

CHANGE NO. 4, ARMED FORCES RECIPE SERVICE, Contains recipe revisions and new recipes. 1976. D101-11-10-412/2ch. 4, S/N 008-020-00593-2. Cost $5.00.

INDEX OF RECIPE SERVICE. An index to all the recipes, including those in the basic set (item 131T) and change 4 (item 132T). Rev. 1976. Spiral-bound notebook. D 101-11-10-412/2/ind/976, S/N 008-202-00594-1. Cost: $3.70.

P.S., A good consultant for Mass Feeding is Lois McCoy who is a graduate of the U.S. Marine Corp Cooking School.

WINTER SAR

SNOWMOBILING SAFETY MANUAL, Western Snowmobile Assoc., Inc., Western Snowmobile Assoc., Inc., Box 28, West Yellowstone, Montana.

SNOW CAMPING & MOUNTAINEERING, Edward A. Rossit, Funk and Wagnalls, New York, New York.

THE SNOWSHOE BOOK, by William Osgood and Leslie Hurley. Illistrated Cost: $4.50. Contents: An informative and well written guide covering snowshoe technique, history, and equipment selection. Available from: Backpacker Books, Bellows Falls, Vermont, 05101.

SNOWSHOEING, by Gene Prate, The Mountaineers, 719 Pike Street, Seattle, Washington 98111. 109 pages, illustrated, paperback.
Contents: This is the "bible" for snowshoers. Contains all the must know knowledge of the snowshoe, bindings, traction devices, and technique. Also discusses clothing, equipment, conditioning, route finding, snow camping, injury, rescue.

PARADISE BELOW ZERO, by Calvin Rutstrum. The MacMillan Company, 866 Third Avenue, New York, New York, 10022. 244 pages, 83 illustrations, paperback. Cost: $2.45
Contents: A complete handbook on how to camp in winter. The author describes in detail how best to meet the requirements of winter living, from winter equipment, foods, clothing, travel units, shelters, tools, sleeping gear. Contains practical check lists of provisions, tools, equipment. Fascinating anedotes about the animals and people of the Artic Region.

WINTER RECREATION SAFETY GUIDE, by U.S. Forest Service and U.S. Ski Association. August 1976, Stock No. 001-000-03577-1, also available from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. 38 pages, illustrated, many charts and diagrams. Cost: 90¢, 25% discount on order of 100 or more.
Contents: The Winter Recreation Safety Guide has been developed to inform you of some of the hazards involved in winter recreation and some of the precautions necessary for safe recreational activity. The guide was prepared jointly by the Forest Service, U.S. Department of Agriculture, and the United States Ski Assoc. to enhance the safety and enjoyment of winter outdoors. It is intended to provide an overview of winter safety for less experienced people, and to serve as a reminder to the more experienced ones. Also, discusses basic back-country travel guidelines including avalanches, hypothermia, wind chill, frostbite, altitude sickness, hyperventilation.

WINTER HIKING AND CAMPING, Available from: Backpacker Books, Bellows Falls, Vermont 05101. $4.50. Basic manual by John A. Danielson includes information on body's reaction to cold; winter clothing; equipment; food; shelter and weather; survival and rescue techniques. 192 pages, over 100 diagrams and photos.

THE COMPLETE SNOW CAMPER'S GUIDE, by Raymond Bridge, Charles Scribner's Sons. New York, 1973. Available from: Backpacker Books, Bellows Falls, Vermont, 05101. A new book with 14 chapters on cold weather technique. Sleeping warm, cooking in the snow, snowshoeing, skiing, storms and avalanches, steep snow and much more. Very complete, very authoritative. 390 pages $5.95.

THE COMPLETE GUIDE TO CROSS COUNTRY SKIING AND TOURING, by Art Tokle and Martin Luray, Vintage Books (Random House) $2.45. Everything you need to know about equipment, conditioning, techniques.

THE NEW CROSS COUNTRY SKI BOOK, by John Caldwell, Backpacker Books, Bellow Falls, Vermont, 05101. $3.95.

A MANUAL OF SKI MOUNTAINEERING, 3rd edition of David Brower's manual that combines counsel of many Sierra Club experts with detailed easy to read instructions. Available from: Backpacker Books, Bellow Falls, Vermont, 05101. 260 pages 66 photos and drawings (hard cover). Cost: $4.95.

WINTERING, by Russ Mohney, 224 pages. illustrated with black and white drawings and charts. Published by Stackpole Books, P.O. Box 1831, Harrisburg, PA. 17105. Price $2.95. In this recent paperback guide to enjoying the outdoors in winter Mohney helps the beginner and experienced outdoors person plan for adventure. Equipment, food and techniques for cold weather and snow travel and living are all covered in an easy, understandable style.

WINTER GROUND SERACH FOR LOST SKIERS, Dan Dunlevy, NASAR Paper 77-10.0.

AVALANCHE

AVALANCHE HANDBOOK by Ronald Perla and M. Martinelli, July 1976. U.S. Department of Agriculture, Forest Service. Stock No. 001-000-03466-9, Catalog No. A1.76:489. Also available from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. 238 pages. Cost: $3.95
Contents: Avalanches seldom touch man or his works, but when they do they can be disastrous. This illustrated handbook sets forth procedures for avoiding such disasters in ski areas, near roads and settlements, and in the back country. New snowfall and old snow redeposited by winds are the major causes of avalanches. Melting and freezing or the presence or absence of a temperature gradient in the snow are difficult to observe directly but can make the snowpack either more or less susceptible to avalanching. Such variations often can be identified by digging pits in the snow.
When a snow slope fails, the impact of the avalanche depends on such variables as the length, shape and roughness of the avalanche path. If disaster strikes, buried victims must be rescued quickly, since the chance of survival decreases sharply with time.
Methods of avalanche control include artificial release by explosives, defense structures, public warnings, and land-use legislation.

THE AVALANCHE ENIGMA by Colin Fraser, Rand McNally and Company, New York, 1966.
Contents: An outstanding work on rescue, history and mechanics of avalanches in the European Alps.

THE ABC OF AVALANCHE SAFETY by E. R. LaChapelle, Highlander Publishing Company, 1961. Contents: Short, terse booklet on avalanches.

SNOW AVALANCHES, Agriculture Handbook, #194, U.S. Department of Agriculture, Forest Service Publication, January, 1961. Also available from Superintendent of Documents, Government Printing Office, Washington, D.C. 20242.
Contents: Describes snow mechanics, hazard forecasting, avalanche defenses and rescue.

SNOW SURVEY SAFETY GUIDE, U.S. Department of Agriculture, Forest Service Publication, Also available from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20242.

SNOW STRUCTURE AND SKI FIELDS by G. Seligman, R. and R. Clark, Ltd., Edinburgh, England, 1962 (reprint).
Contents: This basic work is a classic, originally published in 1936. The appendix on mountain weather is especially valuable.

THE SNOWY TORRENTS, (Williams: U.S. Government Printing Office, Washington, D.C. 20402). This book is a must for winter wanderers. It summarizes and analyzes 76 avalanche accidents which occurred between 1967-71. The reports are sufficient to convince even the most casual snow buff of the treacherousness of snow and the difficulties in accurately predicting hazard levels, particularly when nearly a fourth of the incidents involved ski patrolmen and snow rangers performing avalanche control work. The 190 page document was prepared by Alpine Snow and Avalanche Project at the Rock Mountain Forest and Range Experiment Station, and includes avalanches in Wyoming, Colorado, Utah, Idaho, Washington, Montana, California, Oregon, Nevada, and Alaska. An earlier edition by Dale Gallagher summarizes avalanche accidents between 1910 and 1966. Paperback.

WATER SAR

BASIC RESCUE AND WATER SAFETY, by American National Red Cross. Also available from the American Red Cross. 55 pages, 72 illustrations.
Contents: Discusses the basics of water safety; assists; ice rescue; flotation devices; care of victims; boating safety; artifical respiration; basic rescue; specific emergencies; survival floating; swimming skills for rescue; search; recovery.

LIFE SAVING, RESCUE AND WATER SAFETY, by American National Red Cross, Doubleday and Company, Inc. Garden City, New York. Also available from American Red Cross. 240 pages, 240 illustrations.
Contents: This text is the resource textbook for red cross lifesaving and water safety courses. Contains the necessary information to teach and disseminate the skills of lifesaving and water safety. Discussed are: safety; rescue equipment; non-swimming and equipment resources; water rescues; defenses, releases and escapes; SAR for a submerged victim; small craft safety; ice safety and rescue; survuval swimming; emergency first aid.

A WHITE WATER HANDBOOK FOR CANOE AND KAYAK, By John T. Urban, Appalachian Mt. Club, 5 Joy Street, Boston, Mass. 02108. 76 pages, pictures and illustrations. Cost: $1.50.
Contents: This handbook is intended to make learning easier, through preparation. Discusses in detail: basic techniques; running rivers; problems in crossing currents and eddies; paddling in heavy water; safety and rescue; equipment; knots and much more.

CANOEING, The American Red Cross, American Red Cross, Washington, D.C., 1956.
Contents: One of the most outstanding books on canoeing. It has detailed and thorough sections on construction, maintenance, and equipment. Excellent sections on technique, strokes, rescue methods, extended trips. Also consult the publication Basic Canoeing by the Red Cross.

A POCKET GUIDE TO COLD WATER SURVIVAL. 16P8. Examines the hazards of cold water exposure to shipwreck victims and provides advice on proven methods for countering the death dealing effects of such exposure. 1975. 21 pages. illustrated. TD 5.8:C 67. S/N 050-012-00111-1. Cost: $.55. Available from U.S. Government Printing Office, Washington, D.C. 20402.

RIVER RUNNING, Available From: Backpaker Books, Bellows Falls, Vermont, 05101. Professional river guide Verne Huser used his years of experience to prepare this informative, fully illustrated account of how to run a river responsibly and enjoyable. 294 pages, well illustrated (paperback).

WHITEWATER CANOEING, by William O. Sandreuter, Winchester Press, 205 East 42nd St. New York, New York, 10017. Everything whitewater enthusiast needs to know how to canoe the river safely and enjoyably. You get complete instruction on paddles and paddling, navigating the rapids, poling, portage, lining, ferrying, setting and other techniques; detailed advice on how to read the subtle signs of the river; a unique section on knot-tying, use of map and compass, and weather watching; rescue and emergency procedures; canoe camping illustrated. Cost: $8.95.

RECREATIONAL WHITE WATER CANOEING, by Thomas S. Foster. $5.00. Available from Leisure Enterprises, 8 Pleasant St., Millers Falls, MA 01349

THE NOAA DIVING MANUAL, NOAA, 1975, Reference number: C55.8: D64 S/N 033-017-00283-7. Also available from Public Documents Distribution Center, Pueblo, Colorado, 81009. 448 pages, illustrated. Cost: $8.55.
Contents: The information included ranges from diving physiology to how to perform biological surveys; how to collect geological samples; and how to dive in kelp beds and fast moving rivers. Search and recovery operations and underwater photography are also discussed, as is new information on saturation diving from shallow water habitats. While the manual has been prepared primarily for NOAA scientific and working divers, it is hoped that it will also serve as a source of information and will stimulate interest for the non-scientific diver as well.

ORGANIZATION TRAINING SEARCH AND RESCUE PROCDURES FOR THE UNDERWATER UNIT, by Tom Lewis, Littleton Fire Department, Littleton, Colorado.

BOATING

STANDARDIZED BOATING SAFETY AND TRAINING GUIDE. Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

THE SKIPPER'S COURSE, Department of Transportation, U.S. Coast Guard, Office of Boating Safety, 400 Seventh Street S.W., Washington, D.C. 20590.

SEA SENSE, Richard Henderson, International Marine Publishing Company, Camden, Maine.

HOW TO RESCUE AND COPE WITH EMERGENCIES AFLOAT, J. Julius Fanta, Sea Lore Publishing Company, 1973, $3.50. Complete guide to boating safety. Distinguished authorities on safety afloat discuss most practical and up-to-date methods of avoiding and coping with accidents offshore, fire, running aground, recovering person overboard, capsizing, distress signals, getting lost offshore.

U.S. COAST GUARD DISTRICT BOATING SAFETY OFFICERS

Boating Safety Officer, 1st Coast Guard District, 150 Caseway Street, Boston, Massachusetts, 02114.

Boating Safety Officer, 2d Coast Guard District, 1420 Market Street, St. Louis, Missouri, 63103.

Boating Safety Officer, 3d Coast Guard District, Governors Island, New York, New York, 10004

Boating Safety Officer, 5th Coast Guard District, Federal Building, 431 Crawford Street, Portsmouth, Virginia, 23705.

Boating Safety Officer, 7th Coast Guard District, Room 1018, Federal Building, 51 S.W. 1st Avenue, Miami, Florida, 33130.

Boating Safety Officer, 8th Coast Guard District, Customhouse, New Orleans, Louisiana, 70130.

Boating Safety Officer, 9th Coast Guard District, 1240 East Ninth Street, Cleveland, Ohio, 44199.

Boating Safety Officer, 11th Coast Guard District, Heartwell Building, 19 Pine Avenue, Long Beach, California, 90802.

Boating Safety Officer, 12th Coast Guard District, 630 Sansome Street, San Francisco, California, 94126.

Boating Safety Officer, 13th Coast Guard District, 915 2nd Avenue, Seattle, Washington 98174.

Boating Safety Officer, 14th Coast Guard District, 677 Ala Moana Boulevard, Honolulu, Hawaii, 96813.

Boating Safety Officer, 17th Coast Guard District, P.O. Box 3-5000, Juneau, Alaska, 99801.

Available from, U.S. Government Printing Office, Superintendent of Documents, Washington D.C. 20402.

- MEDICAL HANDBOOK FOR PILOTS. 1975. Reference No: TD 4.8: M46/3 S/N 050-007-00254-8. Cost: $1.45. 80 pages illustrated. Contents: To become a safe pilot, it is not enough that you want to fly. You must also be physically fit, psychologically sound, and well trained. This booklet seeks to describe many of the possible physical dangers inherent in flying an aircraft. Included are such topics as vertigo, noise, age factors, hyperventilation and much more.

- TERRAIN FLYING. 1967. Reference No: TD4.2:T 27 S/N 050-007-00147-9. Cost: $1.40. 112 pages illustrated. Contents: A wide variety of flying tips and techniques, accumulated by pilots familiar with the hazardous conditions inherent to different topographic characteristics. The book is distilled into a series of suggestions that forewarn a pilot about the demands the terrain will make on his plane in the air, and the preparation necessary to insure a reasonable margin of safety. Because it discusses nearly every kind of terrain encountered in the continental U.S. and Alaska, Terrain Flying is of invaluable assistance to a pilot making a flight over strange or unfamiliar territory.

- MOUNTAIN FLYING SENSE. DA PAM 95-8, U.S. Government Printing Office, Supt. of Documents, Washington, D.C. 20402.

AVIATION MEDICINE. Ross Armstrong McFarland, McGraw-Hill, New York, N.Y.

DEFENSIVE FLYING. Canada Dept. of National Defense, Air Transport Command, June 1973. 90 pages illustrated, 5" x 8". Contents: This booklet has been designed with three purposes: (1) To prevent you from having an accident. (2) If an accident becomes unavoidable to provide you with hints on how to make it more survivable. (3) How you can aid search and rescue in helping them to locate you. Many good survival hints.

AOPA HANDBOOK FOR PILOTS. Aircraft Owners and Pilots Association, Washington, D.C. 20014. Cost: $4.75 for members --$7.50 for non-menbers. 320 pages 4" x 6". Contents: Current storehouse of information useful to the pilot. Includes: conversion and performance computation charts; flight preparation; weather; emergency procedures; en route information; addresses and services; international operations; FAA regulations.

EMERGENCY LANDING TECHNIQUES IN SMALL FIXED WING AIRCRAFT. Gerard M. Bruggink, Report #NTSBAAS-72-3, National Transportation Safety Board, Washington, D.C. 20591

NAS LEMOORE SEARCH AND RESCUE STANDARD OPERATING PROCEDURES, Naval Air Station Lemoore, California 93245. This manual is written to provide a training and procedures guide for those units deploying helicopters for SAR operations in high altitude and mountainous terrain. 61 pages.

HELICOPTER OPERATIONS AND PERSONNEL SAFETY, State of Washington Department of Emergency Services. Published by, Survival Education Association, 9035 Golden Given Road, Tacoma, Washington 98445. Price about $3.00, 60 pages. Contains guidelines to assist ground rescue personnel in performing safe and efficient helicopter SAR operations. Contents: Management, Safety Rules, Landing Areas, Evacuations, Rescuer Delivery, Crash Procedures, Wind Indicators, Communications, Night Landings, Patient Care, Helicopter Description and Performance Guide, Helicopter Capabilities and Limitations Basic Heliport Kit, Equipment, Selection of Landing Zones, Military Aircraft Rescue.

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AVIATION WEATHER, (EA-AC 00-6), Department of Transportation, [illegible] Standards Service, Department of Commerce, Weather Bureau, Was[illegible]

BASIC HELICOPTER HANDBOOK (AC61-13A), Department of Transporta[illegible] Standards Service, 1973.

TIPS ON MOUNTAIN FLYING, (WE form 8000-5.8), Department of Tran[illegible]tion, F.A[illegible] Western Region, 1972.

OBSERVER MANUAL (CAPM 50-5) 8, Aug. 75, National Headquarters, [illegible] Air [illegible] Maxwell A.F.B., Alabama 36112. This manual contains the basic o[illegible] a[illegible] guidance required to train scanners and observers to become eff[illegible] members of the CAP SAR team.

HELICOPTER COORDINATION, (CAWGM 50-51), Headquarters California [illegible] Civil Ai[illegible] Patrol, Bldg. 834, NSC, Oakland, California 94625. Contains guid[illegible] and information concerning the employment of helicopters in Californi[illegible] Wing SAR operations.

AIRMOBILE OPERATIONS, FM57-35. Department of the Army, Washingto[illegible] D.C. 1968.

TIPS FOR THE HELICOPTER PASSENGER, (NAVAIR 00-80Q-66), office of [illegible] Chief o[illegible] National Operations, Commander Naval Safety Center, 1975.

AEROSPACE RESCUE AND RECOVERY SERVICE, Air Force Fact Sheet 77-[illegible] ecretary[illegible] the Air Force, Office of Information, Internal Division, Washin[illegible] D.C. [illegible] May 1977

AVIATION ORGANIZATIONS

HAPPY FLYERS (HAMS and PILOTS), 1811 Hillman Avenue, Belmont, C[illegible] They publish alot of good material on electronic search for EL[illegible] for [illegible] includes procedures, search patterns, equipment for finding EL[illegible]

BEST COPY AVAILABLE

MOUNTAINEERING FIRST-AID by Dick Mitchell. 104 pages, 5-3/8" x 8-3/8", 24 drawings, paperbound. Cost: $2.50.
Contents: Compact, concise handbook for dealing with remote-area accidents, and helping prevent them. Excellent added text for outdoor safety or first-aid classes. Covers immediate care for wounds, shock, fractures, common emergencies, high-altitude problems, plus preparation for rescue evacuation.

FIRST-AID IN EMERGENCY CARE by Guy S. Parcel, PhD. April, 1977, The C. V. Mosby Company, 11830 Westline Industrial Drive, St. Louis, MO. 63141. 352 pages, 160 illustrations. Cost: $8.95 for hard-bound; $5.50 for paperback.
Contents: If you're responsible for teaching others the necessary essentials of first-aid, you'll find this new book extremely useful. Approaching first-aid in a standardized manner, it provides the principles and procedures for administering emergency care for trauma or sudden illness. An extremely interesting chapter on psychological emergencies discusses a subject not commonly covered in may first-aid texts.

CURRENT CONCEPTS IN EMERGENCY MEDICINE: MANAGEMENT OF THE UNCONSCIOUS PATIENT by Ronald L. Krome, M.D. and William R. Darmody, M.D. May, 1976, The C.V. Mosby Company, 11830 Westline Industrial Drive, St. Louis, MO. 63141. 128 pages, 27 illustrations. Cost: $9.50
Contents: Prepared by and for emergency personnel, this new volume provides a complete overview of all diagnostic procedures used to determine the cause of unconsciousness. Discussions focus on: on-the-scene care, comas of unknown origin, and comas caused by drug overdose.

TEXTBOOK OF BASIC EMERGENCY MEDICINE by Robert H. Miller, M.D. October, 1975, The C.V. Mosby Company, 11830 Westline Industrial Drive, St. Louis, MO. 63141. 248 pages, 184 illustrations. Cost: $7.95.
Contents: Based on necessary functional skills, this new text provides a sound practical approach to initial emergency care. To aid in the use of rational-based therapy, the author considers normal and pathological anatomy as well as natural history of disease. Basic sciences are integrated throughout to assure continuous clinical correlation.

THE OUTDOORSMAN'S MEDICAL GUIDE by Alan E. Nourse, M.D. Harper and Row, Inc. New York, 1974. 128 pages; $3.95. A very complete guide, the style is serious and occasionally medically complex. Covers everything from arterial bleeding, unconsciousness to chiggers and blisters.

HYPOTHERMIA, KILLER OF THE UNPREPARED, by Ted Lathrop, 1972, Mazamas, 909 N.W. 19th, Portland, Oregon, 97209, $1.00. 23 pages. An excellent description of hypothermia. Prevention of hypothermia is stressed. Many examples hypothermia deaths are given; each example illustrates several aspects of hypothermia symptoms, treatment, or prevention. Highly recommended.

EMERGENCY CARE & TRANSPORTATION OF THE SICK & INJURED, George Banta Company, Inc., Menasha, Wisconsin.

PRIMITIVE MEDICAL AID IN THE WILDERNESS. Bleything, Dennis, and Ronald L. Dawson. 1971. Life Support Technology, Inc., Beaverton, Oregon 97005.

FUNCTIONAL BANDAGING, INCLUDING SPLINTS AND PROTECTIVE DRESSINGS by Seymour Meyer. 1967, Am. Elsevier Publishing Company, New York.

TRIAGE: PROBLEM ORIENTED SORTING OF PATIENTS by Donald Vickery, M.D. GHP Publications, P.O. Box 159, Carlsbad, California 92008. 104 pages, paperback. Cost: $10.25. Contents: This basic working manual and reference gives concise guidelines to help nurses, medical assistants, EMT's and paramedics make effective triage decisions. More than 90 common problems are displayed in an easy reference flowsheet format - fully consistant with the most up-to-date methods being used in clinical medicine.

MEDICINE FOR MOUNTAINEERING by the Mountaineers, James Wilerson, M.D., editor. The Mountaineers, 719 Pike Street, Seattle, WA 98101. 350 pages, 100 drawings, 5-1/2" x 7-3/4", vinyl cover. Cost: $7.95.
Contents: A handbook for treating accidents, illnesses in remote areas, where a doctor may be several days away. Compiled by physicians who are also climbers. Includes treatment of traumatic, environmental injuries and diseases; particular emphasis on illnesses of high altitude or a hostile environment. "Medicine" profits from medical experience on Himalayan & other remote expeditions.

EMERGENCY CARDIAC CARE by Robert Huszar, M.D. GHP Publications, P.O. Box 159, Carlsbad, California 92008. 267 pages, paperback. Cost: $9.48.
Content: Laying the groundwork for an effective, in depth paramedic training program, this manual reviews the cardiovascular-pulmonary system in health and disease. It covers diagnosis and treatment of cardiac emergencies in pre-hospital coronary care. The text features definitive chapters on diagnosis and treatment of arrhythmias, IV therapy, drug therapy and biotelemetry. Fully illustrated, the manual is based on the latest guidelines of the National Academy of Science and the American Heart Association.

BRADY'S PROGRAMMED ORIENTATION TO MEDICAL TERMINOLOGY. GHP Publications, P.O. Box 159, Carlsbad, California 92008. 176 pages, paperback. Cost: $5.67.
Contents: A programmed text designed to help students develop skill in using and pronouncing common medical terms. Such words describe the human body, its functions, its normal and abnormal state, the diseases and injuries that affect it and the various means, agents and procedures employed to prevent, minimize or cure the effect of disease or injury. The book discusses the language principles of medical terminology. It shows the similarities in medical words that make mastery of terminology relatively easy. Common prefixes, suffixes and stems, a glossary of frequently used terms and practice tests are included.

EMERGENCY CARE AND TRANSPORTATION OF THE SICK AND INJURED. American Academy of Orthopedic Surgeons. 1971. 430 North Michigan Avenue, Chicago, Illinois 60611.

BEING YOUR OWN WILDERNESS DOCTOR by Dr. E.R. Kodet. Illustrated. Cost: $3.95.
Contents: This problem treatment guide written in laymans language can save hurts, worry, panic disrupted trips and maybe even a life. Tells you what to do and how to do it when you are a long way from a doctor and can't wait for one.

CARDIOPULMONARY RESUSCITATION by American National Red Cross. Also available from the American Red Cross. 40 pages illustrated.
Contents: This information has been prepared as the reference guide for teaching cardiopulmonary resuscitation.

MOUNTAINEERING MEDICINE by Fred T. Darvill, Jr., M.D. Skagit Mountain Rescue, P.O. Box 2, Mt. Vernon, Washington 98273. 6-1/2" x 4-1/4", 35 pages, diagrams. Cost: $1.00. Contents: Booklet designed to be carried in your pack, first-aid kit etc. Written primarily with the mountaineer in mind, contains working outlines for backcountry first-aid.

FROSTBITE by Bradford Washburn. The Museum of Science, Boston, Massachusetts,12114 6" x 9", 25 pages, several diagrams. Cost: $1.50.
Content: Frostbite! What it is; how to prevent it; emergency treatment.

EMERGENCY CARE by Harvey Grant and Robert Murray. GHP Publications, P.O. Box 159, Carlsbad, California 92008. 334 pages, paperback. Cost: $6.30.
Content: This text reflects current established principles of emergency care. It is approved and recommended for use in conjuction with the 81 hour DOT, EMT course. The ten chapters of this student manual represent instructional units, arranged with regard to priority. Students are first acquainted with their role and responsibilities. They are taught to evaluate diagnostic signs and determine the extent of injuries. Procedures for dealing with life-threatening emergencies are presented in the order of their importance.

HANDBOOK OF EMERGENCY CARE AND RESCUE, by Lawrence W. Evens, Revised, 557 pages, Contents: All phases of emergency care and rescue are reviewed, discussed and illustrated in sufficient detail to serve as a reference for experienced paramedics or as an introduction to those interested in the field of emergency medicine. Tells what it takes to become a member of an emergency care organization with overviews of the academics, physicial aspects and requirements. Zeros in on the major problem areas that EMT's and Paramedics are faced with daily. In addition, much print is devoted to paramedical personnel and procedures, anatomy and physiology of the human body, emergency medical care, internal medical disorders, basic and advanced life support, emergency childbirth and a glossary of medical terms. To complete the emergency cycle, the author has also provided the "HOW" of rescue skills and techniques. Rescue tools and equipment as well as rescue problems are among the subjects that are covered.

STANDARD FIRST AID AND PERSONAL SAFETY, the American National Red Cross. Prepared by the Red Cross for the instruction of First Aid classes. 268 pages, 206 illustrations.

ADVANCED FIRST AID AND EMERGENCY CARE, the American National Red Cross. Prepared by the Red Cross for the instruction of Advanced First Aid classes. 218 pages, 353 illustrations.

MOUNTAIN MEDICINE AND PHYSIOLOGY, Edited by Charles Clarke, Michael Ward, Edward Williams. Alpine Club London (reprinted by Mountain Safety Research, Seattle). 146 pages. $3.95. This book compiles the proceedings of the 1975 Symposium for mountaineers, expedition doctors and physiologists sponsored by Great Britain's Alpine Club. The book is a man's physiological response to cold, fatigue and reduced oxygen at high altitudes. Among the articles included are ones on frostbite, hypoxia, nutrition and hypothermia.

WHAT TO DO ABOUT BITES AND STINGS OF VENOMOUS ANIMALS, by Robert E. Arnold, M.D. (Collier Books, 866 Third Ave., New York 10022; 1973; $1.95). Available from; Backpacker Books, Bellows Falls Vermont, 05101. Covering some 200 snakes, lizards insects, and marine animals of North America, the 122 page book includes 55 identifying illustrations and an index of antivenom centers and their telephone numbers. Uses heavy medical terms. Debunks many of the too-widely accepted myths.

MOUNTAINEERING FIRST AID AND ACCIDENT RESPONSE, by Gross, Harms, Post, and Mitchell (The Mountaineers, Box 122, Seattle, 98111; 1975; 75 cents). In 38 pages this compact booklet tells how to handle the most common outdoor accidents. It includes more than a dozen drawings and charts and a complete accident report form.

MEDICAL CARE FOR MOUNTAIN CLIMBERS by Peter Steele, William Heinemann, Medical Books Ltd. London, $8.00. The book takes a logical, easily usable approach to medical care when you are the only one available, and is written for the active mountain climber. Presents the basic principles of the problems and allows you to work out appropriate course of action. Each section begins with basic anatomy and physiology in layman's terms. Gives useful guidelines for reviewing signs and symptoms.

EARLY CARE OF THE INJURED PATIENT, by the Committee on Trauma of the American College of Surgeons. Second Edition. Available from the W.B. Saunders Company, West Washington Square, Philadelphia, PA. 19105.

MOUNTAIN MEDICINE PAPERS, Seattle, 1976. Symposium papers from a four day Seminar on Mountain Medicine, Cost $6.00. Distributed by the Survival Education Association, 9035 Golden Given Rd., Tacoma, WA. 98445.

EMERGENCY VICTIM CARE, EMT training manual, Division of Vocational Education, State Department of Education, Columbus, Ohio.

EMERGENCY TREATMENT AND MANAGEMENT, Thos. Flint, Jr., M.D. and Harvey D. Cain, M.D., W.B. Saunders Company, West Washington Square, Philadelphia, PA. 19105.

THE STUDY OF INJURED PATIENTS, Edited by Emilie A. Black, M.D., A Trauma Conference Report, DHEW Publication Number (NIH)74-603.

PROCEEDINGS-YOSEMITE INSTITUTE MOUNTAIN MEDICINE SYMPOSIUM, Charles S. Houston, M.D., Planning Office, Yosemite Institute, Yosemite National Park.

EMERGENCY CARE OF THE SICK AND INJURED, Bureau of Industrial Education, California State Department of Education, Sacramento, California.

THE INTERNATIONAL MANUAL OF BASIC RESCUE METHODS, by Dawson Nethercutt, International Rescue and First Aid, 2280 South High, Columbis, Ohio 43207.

SOURCES OF EMT TRAINING MATERIALS

Emergency Training Inc., 181 Post Road West, Westport, Connecticut. 06880.

Instructional Materials Laboratory, 1885 Neil Avenue, Room 112, Columbus, Ohio, 43210.

Film Communicators, 11136 Weddington Street, No. Hollywood, Calif. 91601.

Pyramid Films, Box 1048, Santa Monica, Calif. 90406.

Instructional Media Services, Health Science Division, 128 E. Pittsburg St., Greenburg, PA. 15601.

Omnia Corporation, 1301 East 79th St., Minneapolis, Minn. 55420.

Brody, the EMS Publisher, Bowie, Maryland, 20715.

EMT CRASH VICTIM EXTRICATION COURSE, developed by the Rescue and Emergency Medical Services Division of the U.S. Dept. of Transportation. The course is a 5 lession, 16 hour training program to develope skill in analyzing the accident situtation, gaining entry, freeing and removing injured and/or trapped individuals, instituting lifesaving emergency medical care techniques, proper use of related tools and equipment and to develop EMT awareness of hazards that may be encountered at an accident scene. The course consists of a coordinator's guide, a student course guide, one hundred forty (140), 35 mm color slides, and a 35 minute synchronized audio tape cassette. Cost is $25.00. Write to: National Audiovisual Center (GSA) Sales Branch, Washington, DC. 20409. Make checks payable to National Achives Trust Fund.

- BASIC TRAINING COURSE, EMERGENCY MEDICAL TECHNICIAN. 1977 Edition. This is a course designed for organizations that wish to train persons to give emergency care to victims of accidents and illnesses. The course consists of classroom and field training. It covers all techniques currently considered to be within the responsibilities of a basic EMT providing emergency medical care with an ambulance service.

- COURSE GUIDE. 54P8. The guide for administrators of the course, who select the instructors, recruit students, and oversee the entire program. 1977. 25 pages. TD 8.8: Em3/5/977/course. S/N 050-003-00276-3. Cost: $1.40.

- INSTRUCTOR'S LESSON PLANS. 55P8 1977. 223 pages. looseleaf. TD 8.8:Em 3/5/77/ instructor S/N 050-003-00277-1. Cost $4.50.

- STUDENT STUDY GUIDE. 56P8. 1977. 210 pages. looseleaf. Provides a summary of each course lesson and includes study suggestions. TD 8.8:Em 3/5/77/student S/N 050-003-00278-0. Cost: $3.50.

●● Available from U.S. Government Printing Office, Washington D.C. 20402.

National Training Course, Emergency Medical Technician Para-Medic-Instructor's Lesson Plans. The following 16 publications present a detailed, step by step curriculum for Emergency Medical Technicians (Para-medics). The curriculum is comprehensive and consists of three components; didactic, clinical (in hospital), and field internship. It does not, however, provide for the devlopment of instructor competency; it supplies a series of explicit leason plans which, it is intended, will be executed by an expert instructor. The instructor's lesson plans are comprised of 15 modules, each containing the information and instructions needed to conduct a program on a particular subject. The modules can be used either individually or in unison and are subdived into instructional units that deal with a particular segment of the module subject. Generally, the units contain performance objectives, unit activities, and lists of medical educational equipment.

COURSE GUIDE. 41Q8 Helps administrators plan implement the training program. Contains a description of the training program, suggestions for course planning, guidelines for conducting the course, recommendations for student evaluation, suggestions for continuing education programs. 1977. 78 pages. TD 8.8:EM3/11 Module 1 S/N 050-003-002801-1 Cost: $2.50.

Available from U.S. Government Printing Office, Washington, D.C. 20402.

THE EMERGENCY MEDICAL TECHNICIAN, HIS ROLE, RESPONSIBILITY, AND TRAINING. Module 1. 42Q08. 1977. 18 pages. TD 8.8: Em 3/11 module 1 S/N 050-003-00280-1 Cost: $1.60.

HUMAN SYSTEMS AND PATIENT ASSESSMENT. Module 2. 43Q08 1977. 101 pages. TD8.8: Em 3/11 module 2 S/N 050-033-00281-0. Cost:$3.25.

SHOCK AND FLUID THERAPY. Module 3. 44Q8. 1977. 91 pages. TD 8.8:Em 3/11/ module 3 S/N. 050-003-00282-B. Cost: $3.00.

GENERAL PHARMACOLOGY. Module 4. 45Q8. 1977. 72 pages. TD 8.8Em 3/11/ module 4 S/N 050-003-00283-6. Cost: $2.75.

RESPIRATORY SYSTEM. Module 5. 46Q8 1977. 134 pages. TD 8.8:Em 3/11/module 5 S/N 050-003-00284-4. Cost: $3.25.

CARDIOVASCULAR SYSTEM. Module 6. 47Q8 1977. 154 pages. TD 818:Em 3/11/module 6 S/N 050-003-00285-2. Cost: $3.50.

CENTRAL NERVOUS SYSTEM. Module 7. 1977. 77 pages. 48Q8. TD 8.8:Em 3/11/module 7 S/N 050-003-00286-1. Costs: $2.75.

SOFT TISSUE INJURIES. Module 8. 49Q8. 1977. 93 pages. TD 8.8:Em 3/11/module 8 S/N 050-003-00287-9. Cost: $3.00.

MUSCULOSKELETAL. Module 9. 50Q8. 1977. 59 pages. TD 8.8:Em 3/11/module 9 S/N 050-003-00288-7. Cost: $2.75.

MEDICAL EMERGENCIES. Module 10. 51Q8. 1977. 91 pages. TD 8.8:Em 3/11/module 10 S/N 050-003-00289-5. Cost:$3.00.

OBSTETRIC/GYNECOLOGICAL EMERGENCIES. Module 11. 52Q8. 1977. 71 pages. TD 8.8: Em 3/11/module 11. S/N050-003-00290-9. COST: $2.75.

PEDIATRICS AND NEONATAL. Module 12. 53Q8. 1977. 53 pages. TD 8.8: Em 3/11/module 12. S/N 050-003-00291-7. Cost: $2.50.

MANAGEMENT OF THE EMOTIONALLY DISTURBED. Module 13. 54Q8. 1977. 46 pages. TD 8.8: Em3/11/module 13. S/N 050-003-00292-5. Cost: $2.50.

RESCUE TECHNIQUES. Module 14. 55Q8. 1977. 14 pages. TD 8.8: Em3/11/module 14 S/N 050-003-00293-3. Cost: $1.30.

TELEMETRY AND COMMUNICATIONS. Module 15. 56Q8. 1977. 30 pages. TD 8.8: Em3/11/ module 15. S/N 050-003-00294-1. Cost: $1.50.

RELATED PUBLICATIONS/MAGAZINES/JOURNALS

PULSE, Journal of the American Association of Trauma Specialists, 29 South LaSalle Street, Chicago, Illinois 60601.

EMERGENCY PRODUCT NEWS, P.O. Box 2573, Clinton, IA. 52732.

EMERGENCY, the Journal of Emergency Services, P.O. Box 159, Carlsbad, Calif. 92008. $12.98 per year. A great magazine. Content usually covers a wide variety of new techniques, procedures, equipment for all areas of emerency response, rescue, and emergency medicine.

EMERGENCY CARE NEWS, 1140 Connecticut Avenue NW, Suite 305, Washington, D.C., 20036.
Cost: $15.00 for one year subscription.
Contents: Emergency Care News is an activity of the Emergency Medical Services Technical Assistance Program.

EMS ACTION, P.O. Box 911, Basking Ridge, N.J. 07902, Reports on events, developments and advances that have relevance to the field of emergency medical services. Free. (no charge).

OTHER SOURCES OF INFORMATION:

The National Emergency Medical Services Information Clearinghouse, Wharton School, University of Pennsylvania, 4219 Chester Avenue, Philadelphia, PA. 19104.

ADDRESSES OF RED CROSS REGIONAL OFFICES

EASTERN AREA, AMERICAN RED CROSS, 615 North St. Asaph Street, Alexandria, VA. 22314, Connecticut, Delaware, District Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia.

SOUTHEASTERN AREA, AMERICAN RED CROSS, 1955 Monroe Drive, N.E., Atlanta, GA. 30324, Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee.

MIDWESTERN AREA, AMERICAN RED CROSS, 10195 Corporate Square, St. Louis, MO. 63132, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Oaklahoma, South Dokota, Texas, Wisconsin.

WESTERN AREA, AMERICAN RED CROSS, 1550 Sutter Street, P.O. Box 3673, San Francisco, Calif. 94119, Alaska, American Samoa, Arizona, California, Colorado, Guan, Hawaii, Idaho Montana, Nevada, New Mexico, Oregon, U.S. Trust Territory of the Pacific Islands, Utah, Washington, Wyoming.

AMERICAN RED CROSS NATIONAL HEADQUARTERS, 17th and D Streets, N.W., Washington D.C. 20006, Canal Zone, Puerto Rico, St. Thomas St. John, U.S. Virgin Islands, St. Croix, U.S. Virgin Islands.

FILMS

The following films are available for use free from the Western Rescue Journal, P.O. Box 1537, Boise, Idaho, 83701.

- CAMPFIRE CONTROL, 16 mm color, sound. 23 1/2 minutes in length.
  Contents: Cleared for sustaining T.V. Demonstrates difference of campfires in mineral soil and organic soil and the control of each. Emphasized planning the size of the fire for the purpose it's to be used and the proper use of a fire box. Shows the correct method of extinguishing fires.

- MAN IN COLD WATER (Hypothermia), 16 mm color, sound. 42 minutes in length.
  Contents: From the Scientists at the University of Victoria, B.C. who have been studying the responses of humans to immersion in cold ocean water under conditions simulating boating accidents. The results are being used to find means to increase survival time through knowledge of behaviors in the water that reduce body cooling rate and through design of a life jacket that offers improved thermal protection.

- COLD CAN KILL, 16 mm color, sound. 27 1/2 minutes in length, 1974 TV/yes.
  Contents: Demonstrates proper preventive measures against hypothermia--clothing which insulates against both water and low temperatures. Shows how loss of body heat in the water is as liable to cause death as drowning. An animated sequence show the reasons for loss of body heat.

- LOST HUNTER, 16 mm color, sound. 22 minutes in length, 1954, TV/yes
  Contents: The story of a hunter who, through lack of knowledge, gets lost in the woods. Designed to impress anyone who enters woods with the danger of becoming lost. Gives do's and don't's to follow if you get lost.

- WINTER WORLD, 16 mm color, sound. 17 minutes in length, 1960, TV/yes.
  Contents: Lists basic cold weather precautions and explains the importance of keeping dry. Shows how to keep dry and warm. It shows that snow is a protective blanket and can be used to save life. A demonstration of using a minimum of equipment to provide normal comfort.

FILM STRIP:

- SURVIVAL SENSE, is a four-part program developed in cooperation with Survival Experts from the Oregon Museum of Science and Industry (OMSI), one of the top four science centers in the nation. The program centers around the most important single factor in survival: the WILL TO LIVE. Each of the four filmstrips instructs in one of the basic survival needs: Shelter, Fire, Water or Food.
  1 hour 39 seconds in length. The SURVIVAL SENSE programs may be shown on any filmstrip projector or viewer. To allow flexibility in teaching method, audio cassettes have automatic (50Hz) advance signals on one side, audible advance signals on the other.

- BY NATURES RULES, Produced jointly by Seattle Mountain Rescue, SAFECO Insurance and Jim Lawless. 16 mm motion picture with sound and color. 28 minutes in length
  Contents: Describes hypothermia hazard, conditions under which exposure occurs, prevention of hypothermia, early detection and field treatment. For free loan of films within the U.S. contact: Photo and Sound, 1205 N. 45th, Seattle, Washington, 98103, 206-632-8461. For film sales contact: Jim Lawless, 1545 NE 130th Seattle, Washington, 98125.

THIS IS SELF ARREST, The Mountaineers, P.O. Box 122, Seattle, Washington 98111, 16 mm color, sound. Narrated by Jim Whittaker. 10 minutes in length.
Cost: $10.00 rental fee.
Contents: Film illustrates proper self arrest position with ice ax in out of control descent of snow slope in various slide positions. Filmed in both normal and slow motion speeds. For further information, contact the Seattle Mountaineers.

THERMAL WILDERNESS, Produced jointly by Seattle Mountain Rescue, SAFECO Insurance, and Jim Lawless. 16 mm motion picture with sound and color. 28 minutes in length.
Contents: Describes conditions under which heat exposure occurs, prevention, early detection and field treatment of heat disorders. For free loan of films within the U.S. contact: Photo and Sound, 1205 N. 45th, Seattle, Washington, 98103, 206-632-8461. For film sales contact: Jim Lawless, 1545 NE 130th, Seattle, Washington, 98125.

EMERGENCY TREATMENT OF COLD INJURIES, Directed by Cameron Bangs, M.D., filmed and edited by Harry Dawson, Jr. Produced and distributed by the Division of Instructional Aids, University of Oregon Health Sciences Center, 3181 SW Sam Jackson Park Road, Portland, Oregon, 97201. 16 mm color, sound. 16 minutes in length.
Cost: $200.00 purchase fee, and $20.00 rental fee.

WHEN SECONDS COUNT, American National Red Cross. 16mm, color sound. 4:20 minutes in length.
Cost: Available on a free loan basis from nearest Red Cross Chapter or $12.50 a print.
Contents: This is a film on mouth-to-mouth resuscitation designed to quickly and effectively impart the essential knowledge and attitude needed to restart stopped breathing.
Stock No. 321602

WHITE WATER CANOEING, American National Red Cross. 16mm.
Cost: Available on free loan from local Red Cross Chapters or for sale, $36.00 for color print.
Contents: Demonstrates safety techniques for white water canoeing.

TORNADO EMERGENCY ACTION, American National Red Cross. Color, sound, 16mm. 4:42 minutes in length.
Cost: Loan prints available from area office.
Contents: This new version of the tornado action film is artistically animated to vividly demonstrate what can be done to help protect lives and personal property when official tornado warnings are issued.

STANDARD FIRST AID, American National Red Cross. Black and white. Series of 10 films.
Stock No. 321591.
Cost: Available for loan from area office.
Contents: A series of films based on the Standard First Aid course. Can be used for television instruction, as a supplement to first aid in schools, and as an instructional aid to first aid instructors.

FIRST AID (Parts I and II), American National Red Cross. 16mm Sound. 28:48 minutes in length.
Cost: Color - $85.50, or black and white - $49.50. Black and white available on a free loan basis from nearest Red Cross chapter or Area office.
Contents: This film presents the basic lifesaving and related skills taught in the Standard First Aid Course. In each sequence the stage is set by portrayal of an accident situation that poses the question "What would you do?"

Part I of the film covers dressings and bandages, artificial respiration, shock, and burns. Part II covers bleeding, poisoning, broken bones, and common emergencies.

FLOOD EMERGENCY ACTION, American National Red Cross. 16mm Color, sound. 5:03 minutes in length.
Cost: Area loan prints available but no sale prints.
Contents: When your community is threatened by a flood, what can you do to insure the safety of your family and to protect your property? This film points out step by step the procedures to be followed to increase chances of survival and decrease property loss.

HURRICANE DISASTER ACTION, American National Red Cross. 16mm sound, black and white 4.30 minutes in length.
Cost: Area loan prints available but no sale prints.
Contents: How Americans in a "hurricane watch" area can help protect themselves, their families, and their property when official warnings are issued is dramatically demonstrated in this film.

ICE RESCUE, American National Red Cross. 16mm, black and white, sound. 4:30 minutes in length. Stock No. 321576.
Cost: Free loan or price $6.50 from area office.
Contents: Experienced Red Cross safety men stage a demonstration of safe ways to rescue a person who has fallen through the ice.

COMMUNITY DISASTER ACTION, American National Red Cross. 16mm, sound, color. 4:15 minutes in length.
Cost: Area loan prints are available but no sale prints available.
Contents: When disaster strikes, teamwork between the Red Cross and the U.S. government is needed to get a community and its people back to normal. The responsibility of the government and the Red Cross are covered well.

DIRECTORY OF BOATING FILMS, Outboard Boating Club of America. 16mm, sound, color.
Cost: Can be obtained free of charge.
Contents: This directory contains a list, with brief descriptions, of some 400 films on boating and related subjects, with information on how and where they can be obtained.

DROWNING IS FOREVER, U.S. Air Force. 16mm, color, sound.
Cost: Free loan.
Contents: Describes techniques of survival in given water situations. Available from Distribution Film Library, Norton Airbase, California.

DROWNPROOFING, Kiekhaefer Mercury. 16mm, color, sound.
Cost: Free loan (order three weeks in advance).
Contents: A technique of surviving in deep water even though unable to swim. The drownproofing technique is used by the Coast Guard and Marine Corps as well as the Boy Scouts and many schools.

FIND A FLOAT, National Safety Council. 16mm, color. 11:30 minutes in length. Stock No. 079.01.
Cost: $79.00 Can be rented for $23.10 net per week. (No. 079.02.)
Contents: Film consists of three vignettes in which poles, branches, skis, oars, tires, picnic bags and coffee jugs are used to save people from drowning.

ALWAYS READY, USCG. 16mm, color, sound. 12 minutes in length. Available from local Coast Guard District office.
Contents: Highlights of major missions of Coast Guard, showing men, ships and planes on various missions.

THE AUXILIARY STORY, USCG. 16mm, color, sound. 13:50 minutes in length. Available from local Coast Guard District office.
Contents: Informative presentation of the story of the Coast Guard Auxiliary; its mission, origin, history, organization and accomplishments with emphasis on current and projected activities in promoting boating safety.

These films, in 16mm color prints, are available from the General Supply Office of the American National Red Cross, National Headquarters, Washington, D.C., 20006. Red Cross chapters should order through normal supply channels.
Loan prints are available.

Title	Running Time	Stock Number	List Price
Survival Swimming	7:09	321649	$35.00
Nonswimming Rescues	7:18	321650	$35.00
Swimming Rescues	8:09	321651	$35.00
Special Equipment Rescues	9:25	321652	$35.00
Defenses, Release, and Escapes	7:28	321653	$35.00
Removal From the Water	5:35	321654	$35.00
Preventive Lifeguarding	9:22	321655	$35.00
Snorkeling Skills and Rescue Techniques	12:56	321648	$35.00
Boating Safety and Rescues	10:13	321656	$35.00

All nine films may be purchased for the reduced price of $265.00, a saving of $50.00 over the individual title prices. When ordering the set please specify stock number 321647.

Disaster films available through local Civil Defense/Emergency Services, State Offices or Regional DCPA offices.

YOUR CHANCE TO LIVE Series

AN INSTRUCTOR'S GUIDE (30 minute color film)
EARTHWATCH (15 minute color film)
FOREST FIRE (15 minute color film)
HEAT WAVES (15 minute color film)
TORNADO (15 minute color film)
HURRICANE (15 minute color film)
FLOOD (15 minute color film)
WINTER STORM (15 minute color film)
EARTHQUAKE (15 minute color film)
TECHNOLOGICAL FAILURES (15 minute color film)
POLLUTION (15 minute color film)
NUCLEAR DISASTER (15 minute color film)
PSYCHOLOGICAL RESPONSE (15 minute color film)

NATURAL AND MAN-MADE DISASTER Series

FACE OF DISASTER (10 minute black-and-white film)
OUR ACTIVE EARTH (28 minute color film)
A LADY CALLED CAMILLE (28 minute color film)
THOUGH THE EARTH BE MOVED (45 minute black-and-white film)
Slides and Filmstrips

NUCLEAR DISASTER Series

KNOWLEDGE IS PROTECTION (9 minute color film)
ABOUT FALLOUT (24 minute color film)
OPERATING QUE (24 minute color film)
OCCUPYING A PUBLIC SHELTER (24 minute color film)
IN TIME OF EMERGENCY (25 minute color film)

The following FILMS are generally available through military film libraries or from military recruiters

RESCUE PROCEDURES AND SURVIVORS RESPONSIBILITIES. TF-5800. 35 minutes. Color. Shows various rescue methods utilized by both the USCG and ARRS. Includes such rescue methods as the Fulton Surface-To-Air Recovery System, delivery of the MA 1/2 Sea Rescue Kit, delivery of ARRS Pararescue personnel, and recovery by helicopter, amphibian aircraft, and surface vessels. Depicts the responsibilities of the survivor in recovery by each of the various rescue methods.

AIR RESCUE. PART I. CBS. 19 minutes. Black & White. This film is narrated by Walter Cronkite and covers Pararescue and the training he receives at different schools, the early surface to air recovery system, and GT-4.

MOUNTAIN AND DESERT SURVIVAL - MOUNTAIN SURVIVAL TF-5571a. 28 minutes. Color. Demonstrates principles of survival in mountainous regions. Outlines systematic procedures for promoting rescue and maintaining personal health and comfort. Shows how to obtain food and water, construct a shelter, build signal fires, etc. Emphasizes the necessity of calmness and clear thinking. Points out how panic and fear can result in tragedy.

MOUNTAIN AND DESERT SURVIVAL - DESERT SURVIVAL. TF-5571b. 31 minutes. Color. Outlines principles of desert survival. Shows procedures for promoting rescue and maintaining personal health and comfort. Points out sources of food and water, explains, shelter construction and discusses use of signal fires and mirror. Emphasizes importance of calmness and clear thinking. Demonstrates the tragedy that can result from fear and panic.

SURVIVAL STRESSES. TF1-5375. 30 minutes. Color. Discusses major psychological and psychological stresses that may be encountered by persons facing a survival situation in the arctic, on the desert, in the tropics and on water. Describes methods of detecting, understanding and combating such stresses as hunger, thirst, cold, fatigue and fear. Shows how to recognize and avoid dehydration.

SURVIVAL STRESSES, Air Force Film Libraries, Norwood Films, P.O. Box 1894, Wheaton, Post Office, Silver Springs, Maryland, 20902

DEEP SEA SURVIVAL. TF1-5252. 27 minutes. Color. A pilot ejects over the North Atlantic - a crew of eight must ditch in tropical waters - alone at sea, a man survives 20 days in a raft - these and other factual stories of courage portray the violent conditions to be faced in survival at sea. They also prove that airmen can survive relatively long periods at sea provided they follow approved survival methods and have the will and endurance to live.

WATER SURVIVAL FACTORS - LIFERAFT ENVIRONMENT PART II. TF-5589a. 31 minutes. Color. Covers physical changes that take place in a man such as, Salt water sores, demonstrates how to prevent chaffing and precautions against marine life. It covers mental change caused by isolation. It demonstrates group survival using 6 and 20 man life rafts.

SAR MISSION COORDINATOR - SEARCH AND RESCUE. SFP-1775b. 25 minutes Color. Demonstrates the use of the CAP for conducting an aerial search for a missing aircraft.

ANGELS ZERO. TF-5560. 27 minutes. Color. Explains the different psychological stresses a lone survivor encounters while surviving at sea and how to cope with them.

ARRS LIFELINE. MP-369 Lockhead. 25 minutes. Color. Shows the present day story of ARRS, it covers the ARRS role in all aspects of rescue and recovery and everyone who helps make it possible.

SEARCH PATTERNS - PLANNING THE SEARCH. 6 minutes. Color. Reviews different types of search patterns for use in aerial search.

SEARCH AND RESCUE - SEARCH AREAS. 14C-3525. 13 minutes. Black and White. Explains how to establish a search area for an aircraft missing overland.

SAR MISSION COORDINATOR - PLANNING THE MISSION. SFP-1175A. 25 minutes. Color.

THIS IS AIR FORCE RESCUE. SS114. Color. 25 minutes

CIVIL DISASTER. AF1F89 23 minutes Black & White. Role of Armed Services in civil disaster - relation between Military Services, ODSM, Red Cross, White House, Gov. of States, and local relief agencies.

HELICOPTER - RESCUE OPERATIONS. TF1-5333. 32 minutes. Color. Helo rescue procedures, from preflight to rescue, and their role in Air Rescue Service.

SEARCH OPERATIONS. SFP-1039. 29 minutes Black & White. Demonstrates search and rescue operations conducted according to the National Search and Rescue Plan and the National Search Agreement. Shows how mission planning and coordination are directed by the mission coordinators in charge of over land and over water searches.

UNITED STATES COAST GUARD USCG #32. 28 minutes. Color. Presents an overall view of Coast Guard operations, from the 1790 origin to the present time. Shows the USCG in its duties, including port security, maintenance of aids to navigation, promotion, and enforcement of maritime safety measures, ice and weather patrol search and rescue operations, small safety. The Coast Guard Academy and receiving stations are also shown.

SEARCH AND RESCUE PLEASURE CRAFT. USCG #25. 26 minutes. Color. Explains the operation of the search and rescue network as it applies to surface craft, expecially the proper procedures to be followed by vessels in distress obtaining search and rescue assistance.

TROPICAL INLAND WATERS. TF-6099. 31 minutes. Color. Explains survival techniques in the tropical inland waters.

JUNGLE SURVIVAL. TF1-5111. 36 minutes. Color. Shows various types of jungle; describes characteristics of savannahs, rain and cloud forests; and illustrates principles of jungle survival.

WATER SURVIVAL FACTORS - LIFE RAFT ENVIRONMENT PART I. TF-5589a. 36 minutes. Color. Explains hazards of being downed at sea and points out various means of enhancing chances of survival. Shows procedures for descending, entering the water, collapsing the chute, and entering the liferaft. Demonstrates first aid and signalling techniques. Outlines do's and don'ts of food and water consumption and control of water loss from the body.

Here's another list of films from the USAF film library pertaining to the SAR field. Order through your nearest Air Force Base film library or from Headquarters AVS (LGHLD), Norton AFB, California 92409.

Film No.	Name
FR 272	Helicopter in local base rescue, the
SFP 1956	Faces of rescue
TF 1-5102B	Helicopter mountain operation
TF 1-5333	Helicopter rescue operation
FTA 254	What to do in case of fire
SFP 1392	Night on Jack Rabbit Mesa, A
TF 1-5113	Using water wisely
TF 1-5283	Getting the most out of water
TF 5972	Coordinated fire attack
TF 6176	Aircraft fire and rescue procedures
TF 8203	Practice makes perfect - disaster medical care
FTA 458	Techniques of exhaled-air artificial respiration
SFP 1322	Pulse of life
SFP 1763	To save a soldier
TF 1-8167	First Aid Part 1 - Major Wounds and fractures
TF 1-8185A	First Aid for fractures - Introduction
TF 1-8185B	First Aid for fractures - skull, spine and pelvis
TF 1-8189	Control of hemorrhage
TF 6296	Mouth to Mouth Resuscitation
TF 6555	Save that life
TF 820?	Introduction to respiration and cardiac resusitation
FR 839	Air Rescue in SE Asia. The pilot was rescued by helicopter
SFP 1085	Air Rescue Service. The
SFP 1089	That others may live. The mission of the air rescue service
SFP 1261	Pararescue - its role in the space age
SFP 2062	Lifeline
TF 1-4968	Know your air rescue service
TF 1-5362	Search and Rescue scanning and sighting techniques
TF 1-5456	Disaster control planning and operations
TF 5800	Rescue, Survivors responsibilities
TF 5929	HC-130 recovery system. The surface to air
TF 6109	Night landing zone operations
TF 1-4854	Basic map reading, Part 1 - Topographic symbols
TF 6348A	Basic map reading, Part 1 - Map symbols
TF 6348B	Basic map reading, Part 2 - Grid, distance, and elevation
TF 6348C	Basic map reading, Part 3 - Direction, orientation & location w/out compass
TF 6348D	Basic map reading, Part 4 - Direction, orientation & location w/compass
TF 6348E	Basic map reading, Part 5 - Photo and map reading
FTA 254	What to do in case of fire

FILM NO.	NAME
SFP 1555	How to stage a disaster
FTA 279A	Survival training - Rough lands survival
FTA 279B	Survival training - Snow and glacier travel
FTA 279C	Survival training - Preparing an animal for use
FTA 279D	Survival training - Utilization of game
FTA 279E	Survival training - Use of maps and compass
FTA 279G	Survival training - Preparing plant food for use
FTA 279I	Survival training - Fire building
FTA 279L	Survival training - River crossing
FTA 279M	Survival training - Medical aid
FTA 279N	Survival training - Backpacking
FTA 279O	Survival training - Hunting and survival
FTA 279P	Survival training - Traps and snar
FTA 279Q	Survival training - Fishing
FTA 279R	Survival training - Fires for survival
FTA 279V	Survival training - River Travel
FTA 279W	Survival training - Shelter
TF 1-4991	Sun, sand and survival
TF 1-5291	Survival-stay alive in the summer bush
TF 1-5310	Survival - stay alive in the winter bush
TF 5571A	Mountain and desert survival - mountain survival
TF 5571B	Mountain and desert survival - desert survival
TF 6063	Donald's fire survival plan
TF 6115	Drown Proffing - safety and survival techniques for swimmers or not
TF 6186	Survival - Improvising emergency signaling
TF 6210	Survival factors, food and water - survival supermarket
FR 761	Crash Survival
TF 1-8150	Aircraft accident investigation
TF 8224	Emergency childbirth (Use good judgment)
TF 1-5013	Part 1, Safe driving in bad weather - light vehicles
TF 5864	ABC's of defensive driving. The
SFP 1849A	Drowning is forever - in a lake
SFP 1849D	Drowning is forever - survival for sportsmen
TF 1-5277A	Fire prevention - the nature of fire

FILMSTRIPS AND SLIDES

FS 1-564	Emergency signal mirrors in air rescue
FS 1-2204	Survival procedures - Emergency uses of parachutes
FS 1-2205	Survival procedures - emergency tire making
FS 1-2452	Survival Procedures - health and hazards
FS 1-213	Fire extinguishing equipment

TRAINING AIDS

GUIDE FOR MILITARY MOUNTAIN TRAINING TA-312. Available from Dept. of the Army, 5th U.S. Army Recondo Center, Ft. Carson, Colorado 80913.
Contents: This pamphlet is prepared in condensed form and gives the minimum essential information and is intended to serve as a guide only for the conduction of military mountain training.

•• AIR FORCE REGULATION 95-2 (AIR FORCE AUDIOVISUAL DIRECTORY) by Supt. of Documents, U.S. Government Printing Office, Washington, D.C. 20402.
Contents: This regulation provides a comprehensive directory of Air Force audiovisual products available through Audiovisual Library Service facilities.

DEFENSE CIVIL PREPAREDNESS AGENCY PUBLICATIONS CATALOG (MP-20 April, 1976) by Defense Civil Preparedness Agency, 2800 Eastern Blvd., (Middle River), Baltimore, MD 21220.

Many DCPA Publications also available from the following Regional Offices:

Director, Region One, Defense Civil Preparedness Agency, Federal Regional Center, Maynard, Massachusetts 01754.

Director, Region Two, Defense Civil Preparedness Agency, Federal Regional Center, Olney, Maryland 20832.

Director, Region Three, Defense Civil Preparedness Agency, Federal Regional Center, Thomasville, Georgia 31792.

Director, Region Four, Defense Civil Preparedness Agency, Federal Center, Battle Creek, Michigan 49016.

Director, Region Five, Defense Civil Preparedness Agency, Federal Regional Center, Denton, Texas 76201.

Director, Region Six, Defense Civil Preparedness Agency, Federal Regional Center, Bldg. 710, Denver, Colorado 80225.

Director, Region Seven, Defense Civil Preparedness Agency, P.O. Box 7287, Santa Rosa, California 95401.

Director, Region Eight, Defense Civil Preparedness Agency, Federal Regional Center, Bothell, Washington 98011.

TEACHING AIDS

TRANSPARENCIES FOR TEACHING--SURVIVAL/DISASTER EDUCATION PROGRAMS, 200 or more transparencies which cover the entire spectrum of emergencies from wilderness emergencies to natural and man-made disasters, Survival Education Association, 9035 Golden Given Road, Tacoma, Washington 98445.

SEARCH AND RESCUE MAGAZINE
Published by Dennis Kelley
P.O. Box 153
Montrose, CA 91020
Published 4 times per year

Available by NASAR membership only

This magazine is the trade journal for Search and Rescue. Articles include recent equipment developments, research, SAR events, general SAR news and fiction. This magazine is the major medium by which SAR information can be exchanged thoughout the country.

ARDA (American Rescue Dog Association) News
Arner Publications Inc.
P.O. Box 307, Graves Road
Westmoreland, NY 13490
Subscription by donation - 3 issues - Subscribe to:

Bob Koenig, Editor
10714 Royal Springs Drive
Dallas, TX 75229

RIVER SAFETY TASK FORCE NEWSLETTER
Charlie Walbridge, Editor, Safety Chairman, American Canoe Assn., 230 Penllyn Pike, Penllyn, PA 19422.
Interesting publication. Deals with accident reporting, river safety, technical information, river rescue techniques. The organization is developing a manual on river rescue.

OFF BELAY
15630 Southeast 124th Street
Renton, WA 98055
Annual subscription $7.50 - Published 6 times per year.

Mountain Safety Research Newsletter and Catalog
Mountain Safety Research Inc.
631 South 96th Street
Seattle, WA 98108
Published periodically during the year.

SUMMIT
A Mountaineering Magazine
P.O. Box 1889
Big Bear Lake, CA 92315
Published 10 times per year - Subscription $7.00 per year

MOUNTAIN RESCUE NEWSLETTER
P.O. Box 10081
Eugene, OR 97401

THE APCO BULLETIN, P.O. Box 669, New Smyrna Beach, Florida, 32069
Contents: Monthly publication of the Associated Public-Safety communications officers.

SIGNPOST, 16812-F 36th Ave. W., Lynnwood, Washington, 98036.
Contents: Oriented to the Pacific Northwest, readers share information on trips, trail conditions, techniques, equipment and opinions. Generous subscription offerings. Free sample available. Publisher on many outdoor publications. Write for information.

THE JOURNAL OF WINTER EMERGENCY CARE, National Ski Patrol, 2901 Sheridan Blvd., Denver, Colorado, 80214.
Cost: $3.00 for one year.
Contents: Contains a spectrum of articles to keep first aid instructors and medical advisors informed. Well worth the subscription price.

PAMPHLETS

Tips for the Helicopter Passenger
NAVAIR 00-800-66
Prepared by the Office of the Chief of Naval Operations
Commander Naval Safety Center 1974

Survival Manual
Colorado Department of Natural Resources
Division of Wildlife
Denver, Colorado

Snowmobile Rescue Manual
Colorado Department of Natural Resources
Division of Wildlife
Denver, Colorado

Students Guide Colorado Snowmobile Training Course
Colorado Department of Natural Resources
Division of Wildlife

Emergency Rescue Training
SM14-1
January 1974
Department of Defense
Defense Civil Preparedness Agency
U.S. Government Printing Office

CATALOGS

RECREATIONAL EQUIPMENT, INC., 1525 11th Avenue, Seattle, Washington, 98122. Often referred to by Northwest climbers and skiers as the Co-op.

ALP SPORT, Dept. 12, P.O. Box 1081, Boulder, Colorado, 80302.

HOLUBAR, Dept. ST-11, Box 7, Boulder, Colorado, 80302.

SKI HUT, 1615 University Avenue, Berkeley, California, 94703.

GERRY (Colorado Outdoor Sports Corp.) Dept. 61, Box 5544, Denver, Colorado, 80217.

ALPINE HUT, 4725 30th Avenue NE, Seattle, Washington, 98105.

CIVIL AIR PATROL BOOK STORE CATALOG, National Headquarters, Civil Air Patrol, Maxwell Air Force Base, Alabama, 36112.

BACKPACKER BOOKS - BOOK LISTS, Bellows Falls, Vermont, 05101.
Each list contains over 300 books on all topics relevant to outdoor recreation. 25¢ for List 1 or List 2 or 35¢ for both.

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P.O. Box 2123, LaJolla, California 92038

(Most items are discounted for NASAR memebers; inventory is growing so write for a current brochure of available publications.)

NASAR PUBLICATIONS

NUMBER	AUTHOR	TITLE	RETAIL PRICE	NASAR PRICE
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77-1001	BUSH	How to Get into the Act	3.00	2.70
77-1003	McCOY	Preplanning the Land Search Organ.	4.00	3.60
77-1004	JACINTO	Coordination of Volunteer Search Units	3.00	2.70
77-1005	MATTSON	Creating Interorganizational Coordination Search & Rescue Mission Applications.	3.00	2.70
77-1006	NILSSON	Search & Rescue Requirements in Disaster Situations	1.00	.90
77-1007	MOHIN	LORAN C Navigation in Inland SAR	1.00	.90
77-1008	JENSEN	Harvesting the Money Tree	2.00	1.80
77-1009	OLSON	Explorer Search & Rescue, Humanitarian Involvement for Young People	2.00	1.80
77-1010	DUNLEVY	Winter Ground Search for Lost Skiers	1.00	.90
77-1011	BUSH	The first Step in the "Second Mile"	1.00	.90
77-1012	SMITH	Standards for Evaluating Cave Rescue Resources	1.00	.90
77-1013	McDONALD	A Summary of the NASAR Questionaire	2.00	1.80
77-1014	RUSH HOLQUIN VERNON	Aerial Observations & Life Saving	1.00	.90
77-1015	DORAN	The ABC's of the Dog Search & Rescue	2.00	1.80
77-1016	CRAWFORD	Sherlock Holmes & the Black Box	1.00	.90
77-1017	FEAR LA VALLA	PSAR, Don't Fool with Mother Nature	3.00	2.70
77-1018	RUBY	Management of NASAR, It Is Time	2.00	1.80
77-1019	BARLOW VINES	Hazards & Problems in a Cave Environment	2.00	1.80
77-1022	McDONALD	Volunteers-Success or Failure	2.00	1.80

SAR PUBLICATIONS

AUTHOR	TITLE		
DALLE MOLLE	Helicopter Operations & Personnel Safety	2.50	2.00
FEAR	Surviving the Unexpected	3.95	3.50
FEAR	Surviving the Unexpected Wilderness Emergency	3.95	3.50
FEAR MITCHELL	Fundamentals of Outdoor Enjoymnet	3.5-	3.20
MITCHELL LA VALLA FEAR	Mountain Medicine Papers	6.00	5.40

AUTHOR	TITLE	RETAIL PRICE	NASAR PRICE
SYROTUCK	Scent & the Scenting Dog	7.50	
SYROTUCK	Behavior of Lost Persons in Wilderness Areas	2.95	
SYROTUCK	Some Grid Search Techniques For Locating Lost Individuals in Wilderness Areas	2.95	
SYROTUCK	Introduction to land Search Probabilities and Calculations	2.95	
McCLELLAND	Lost "Soles" - The Trackers Boot Guide	25.00	
EVANS			
KELLY	Mountain Search for the Lost Victim	7.50	6.75
KELLY	Man Tracking	8.95	7.95

NASAR ITEMS/PARAPHERNALIA

ITEM		
1977-1978 NASAR Official Membership Directory	7.50	5.00
NASAR Lapel Pins - $10. Donation to the NASAR Sustaining Member Fund		
NASAR Bumper Sticker	1/2.50	1/2.00
NASAR Member Patches MEMBER ONLY		2/5.00
NASAR Decals	1/1.50	1/1.00
		6/5.00
NASAR Public Awareness Card No. 2	200/5.00	
	400/9.00	
	600/12.00	
Pocket/Wilderness Survival Cards	1/2.50	1/2.25
		2/4.25
		5/9.00
CYALUME LIGHT STICKS	1/1.98	1/1.50
		3/4.00
		5/7.50
Little Demon Mini-Stove (By mail order only)	12.95	11.95
'Ab Taylor' Survival Kit	1/.50	1/.40
		3/1.00

NATIONAL SEARCH AND RESCUE SCHOOL
U.S. Coast Guard, Governors Island
New York, NY 10004

The mission of the National SAR School is to present all aspects of the broad spectrum of the Search and Rescue field to students of diversified background and experience levels. This joint U.S. Coast Guard/U.S. Air Force endeavor is devoted to the improvement and standardization of search and rescue procedures for national and international application.

In addition to the search and rescue training provided year-round to military personnel, the school conducts annual courses for Civil Air Patrol, Coast Guard Auxiliary and, since 1972, state, local and volunteer search and rescue officials.

The purpose of this course is to increase the coordination and cooperation between federal and non-federal forces aiding persons in distress, to inform non-federal search and rescue personnel of the facilities and capabilities of federal search and rescue agencies, and to present the methods of search and rescue planning advocated by the National Search and Rescue Manual.

National Avalanche School
Unites States Dept. of Agriculture
Forest Service
P.O. Box 2417
Washington, D.C. 20013

Offered once every 2 years. Tuition $100.00 for 5 days.

This school provides instruction in a variety of levels from classes for the person relatively inexperienced veteran. It includes instruction necessary to obtain a working knowledge of avalanche technology as well as providing valuable orientation to managers, supervisors, and others who need to be conversant with the avalanche field but do not need working knowledge.

Those who need proficiency in all aspects of the avalanche field should plan to complete at least the first two phases of the Avalanche Training Program. It is highly recommended that all three phases be completed.

PHASE I: Academic training at the National Avalanche School

PHASE II: Field seminar at a Class A, high-avalanche-hazard ski area.

PHASE III: On-the-job training at the student's home area.

WOOF, National SAR Dog School
P.O. Box 14304
South Lake Tahoe, CA 95702

Write for brochures and information. Courses are designed for handlers but may be attended by agency people who need to know how SAR dogs function on search operations.

SIERRA AVALANCHE SEMINARS
P.O. Box 8
Norden, CA 95702

Write for brochure. Offers avalanche field training seminars. Curriculum includes: Snow characteristics, metamorphism and failure; avalanche hazard evaluation; route-finding and travel in avalanche conditions; avalanche rescue.

American Avalanche Institute
Box 308
Wilson, Wyoming 83014
307-733-3315
This school offers a variety of courses. Length of course and tuition varies depending upon topic. Write for brochure.

THE NATIONAL RANGER TRAINING SCHOOLS
Civil Air Patrol
Pennsylvania Wing
P.O. Box 3173
Bethlehem, PA 18017

Write for information. These schools offer a variety of basic training skills, oriented to Civil Air Patrol.

DIVE RESCUE SPECIALIST PROGRAM, SCUBA SCHOOLS INTERNATIONAL, 1449 Riverside Drive, Ft. Collins, Colorado 80521. Phone: 303-482-0883. Scuba Schools Internatioal (SSI), a nonprofit educational association, makes this program available to any agency which feels the need for additional training in new techniques which greatly aid Emergency personnel to efficiently and safely carry out a Dive Rescue mission. The Dive Rescue Specialist Training Program is scheduled in departments throughout the country, and each program is adapted to the special problems of the area where the program is being held. Team teaching with the multi-media concept turns potentially dry subjects into new and exciting adventures for the participants, particularly when geared to the special needs of the team in training.

Colorado School of Outdoor Living, P.O. Box 3142, Denver, Colorado 80201.
(A great school for survival, wilderness living, and outdoor recreation courses).

ORGANIZATIONS AND OTHER NEAT PEOPLE TO KNOW

SURVIVAL EDUCATION ASSOCIATION, 9035 Golden Given Road, Tacoma, Washington 98445.
This is an organization of dedicated writers, lecturers, survival instructors who believe that education can save lives and make everyday living more enjoyable. They have researched and developed visual aids, texts, lesson plans, and other information for schools and colleges to implement emergency preparedness education, preventive SAR education, or survival education for any age student. In addition, the Association is a resource center for information about workshops, seminars, reference material, college credit courses, and much more.

NATIONAL OUTDOOR LEADERSHIP SCHOOL
P.O. Box AA
Lander, Wyoming 82520

OUTWARD BOUND, INC. (HQ)
165 W. Putnam Ave.
Greenwich, Connecticut 06830

AVIATION SAFETY INSTITUTE
1-800-848-7386

INSTITUTE FOR SURVIVAL EDUCATION, P.O. Box 30666, Greenwood Station, Seattle Washington 98103 or P.O. Box 8108, Roseville, Minnesota 55113.
ISE believes that education is the key factor in protecting both nature and person from each other's respective force, and will insure that all persons will be able to live in harmony with his/her environment under all circumstances. ISE has developed Instructor Guides, Lesson Plans, Survival Kits, Articles and other materials for the following courses that they offer:

SURVIVAL:	OUTDOOR RECREATION EDUCATION:
Arctic	Wilderness Living
Winter	Backpacking
Wilderness	Map and Compass
Desert	Cross - Country Skiing
Sea and Coastal	Snowshoeing/Winter Travel
Tropical	Leadership
Instruction Training	Teaching Techniques

Write for information on co-sponsoring a course or having ISE run a training course structured for your needs.

SAFE (SURVIVAL AND FLIGHT EQUIPMENT ASSOCIATION)
7252 Remmet Avenue, Suite 203
P.O. Box 631
Canoga Park, California 91303
213-340-3961

SAFE EDUCATION CHAPTER (See Above)
A chapter within SAFE dedicated to survival education.

The primary objective of the SAFE Association is to stimulate research and development in the fields of safety, survival, and life support. The Association seeks to disseminate information to prefessionals from industry, government, and education; and to maintain a meaningful relationship with the scientific communities related to safety, survival and life support. Publishes an excellent journal.

NATIONAL SAFETY COUNCIL
444 N. Michigan Ave.
Chicago, Illinois 60611

NATIONAL SPELEOLOGICAL SOCIETY, INC., NATIONAL CAVE RESCUE, c/o Dan Smith
834 Louise Drive, Petaluma, California 94952.

AMERICAN RESCUE DOG ASSOCIATION, 10714 Royal Springs Drive
Dallas, Texas 75229

AIRCRAFT OWNERS AND PILOTS ASSOCIATION, Box 5800
Washington, D.C. 20014

CIVIL AIR PATROL NATIONAL HEADQUARTERS, Maxwell AFB,
Alabama 36112

PAUL GREEN, 504 3rd, Cheney, Washington 99004
(Write to Paul to find out why he is neat to know!)

COLORADO SAR BOARD, 2415 E. Maplewood
Littleton, Colo 80121
(Stan Bush and the rest of the folks have a lot of good information available).

MOUNTAIN RESCUE ASSOCIATION, P.O. Box 396
Altadena, California 91001

NATIONAL SKI PATROL, 2901 Sheridan Boulevard
Denver, Colo 80214

WILDERNESS FINDERS (WOOF), P.O. Box 14304
South Lake Tahoe, California 95702

BILL WADE, GREAT SMOKEY MOUNTAIN NATIONAL PARK
Gatlinburg, Tenn 37738 (Bill's the NASAR Training Chairman and Frog Bite Prevention Expert)

SEARCH AND RESCUE METHODS AND EQUIPMENT NTIS/PS-76/0285, National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia 22161.
Cost: $25.00 plus $5.00 shipping
Contents: A bibliography with abstracts of government sponsored research and development projects from 1964-1976. (94 abstracts)

PREVENTIVE HEALTH CARE INFORMATION PROGRAMS, Helene G. Czuy, Channing L. Bete Company, Inc., 45 Federal Street, Greenfield, Massachusetts 01301. They are publishers of over 300 booklets on a wide range of topics on matters of safety, health care, disaster/emergency preparedness. Write for free samples, and mini-catalogs. These are great training aids.

BIBLIOGRAPHY OF PUBLIC SAFETY RESOURCES, National Safety Council Library.
Contents: A comprehensive bibliography of a wide variety of subjects related to public safety such as: water safety, boating activities, winter sports, gun safety and hunting, camping and first aid.

DEPARTMENT OF TRANSPORTATION, U.S. COAST GUARD, BIBILIOGRAPHY OF PUBLICATIONS, 1976. CG-336-1 (U.S. Government Printing office: 1976 - 634-305/93.) 61 pages. Though primarily a reference of books, films publications for boating and boating safety, this catalog has many listing that would be useful for many aspects of SAR training.

U.S. COAST GUARD CATALOG OF MOTION PICTURE FILMS. USCG, Chief, Public Affiars Division. (G-APA). Free.
Contents: A complete directory of all Coast Guard films, many of which specifically concern water safety. Includes list of Coast Guard offices.

EMERGENCY HEALTH SERVICES, (a catalog of selected references). Publication No. (HSM) 72-2010. U.S. Dept of Health, Education and Welfare, Division of Emergency Health Services, 5600 Fishees Lane, Rockville, Maryland 20852.

NATIONAL SAFETY COUNCIL CATALOG, 444 N. Michigan Ave. Chicago, Illinois 60611.
Contents: Lots of films, booklets, magazines, manuals, etc., all within the field of safety.

DEFENSE CIVIL PREPAREDNESS AGENCY PUBLICATIONS CATALOG, MP-20, 2800 Eastern Blvd. (Middle River) Baltimore, Maryland 21220

PUBLICATIONS LIST. ARTIC, DESERT, TROPIC INFORMATION CENTER, AEROSPACE STUDIES INSTITUTE (ADT) Air University, Maxwell Air Force Base, Alabama 36112.

CONTINGENCY RCC PUBLICATIONS

Department of the Air Force
HQ ARRS (MAC)
Scott AFB, Illinois 62225

AFM 64.2.....National Search and Rescue Manual
AFM 2-36.....Search, Rescue and Recovery Operations
AFR 46-4.....Civil Air Patrol, Auxilliary of the Air Force
AFR 46-5.....Employment of Civil Air Patrol
AFR 46-6.....Support for Civil Air Patrol
AFR 55-5.....Overdue Aircraft
AFR 55-28.....Operation of Command and Control Facilities
AFR 76-29.....Border Clearance
AFM 100-20.....Management of Electrical Record Communications

ARRSR 55-1.....Rescue and Recovery Operations
ARRSR 55-8.....Command and Control Support Agreements

ARRSR 55-11.....Pararescue Operational Regulation

DOD 4515.13-R.....Air Transportation Eligibility

CAPP 2.....ELT Search
CAPP 15.....CAP Assistance During Natural Disasters
CAPM 20-1.....Organization of Civil Air Patrol
CAPM 50-15.....Emergency Services
CAPM 50-21.....Mission Coordinator's Training Manual
CAPR 55-10.....Civil Air Patrol Emergency Services
CAPR 55-11.....Operational Readiness Evaluation
CAPM 60-1.....CAP Flight Management
CAPP 150-5.....CAP Emergency Services
CAP.....Unit Directory
CAP.....Personnel Directory

INLAND SEARCH AND RESCUE, Air Force Rescue Coordination Center, Aerospace Rescue and Recovery Service. A paper describing search and rescue organization, operation, and responsibility, in the Continental United States, Scott AFB 11, 62225, April 30, 1975. (Mineographed).

COMMERCIAL SOURCES OF EQUIPMENT

RESCUE CARRIER
1742 Butler Ave.
Los Angeles, CA 90025

Makes Rescue litters, toboggans, sleds. Write for brochure.

HAMM SYSTEMS, INC.
P.O. Box 13185
Ft. Worth, TX 76118
(817) 838-6501

Makes the Wayfinder 360, a ground navigation system and device.

ENERGY SYSTEMS CORPORATION
One Eleven Lock Street
Nashva, NH 03060
(603) 889-5112

This company makes a variety of portable catalytic power sources that generate electrical and thermal energy.

SURVIVAL SYSTEMS, INC.
1830 South Baker Ave.
Ontario, CA 91761
(714) 986-5816

Makes and sells a wide variety of survival equipment. Write for brochures and price lists.

SAFETY DEVELOPMENTAL INDUSTRIES, INC.
P.O. Box 33520
Bitter Lake Station
Seattle, WA 98133
(206) 365-8036

Makes and sells a variety of first aid kits and equipment and a variety of survival kits and equipment.

WALLET SURVIVAL GUIDE, Wallet Guides and Aides Inc.
P.O. Box 2947
Everett, WA 98203

Eleven wallet cards, water and tear resistant, form a complete mini-survival manual. Well illustrated. Cost: $1.25. Bulk rates. Ideal for fund raising.

SURVIVAL CARDS
Box 805
Bloomington, IN 47401

Designed to be kept in your shirt pocket for immediate reference. Cost: $2.50 per set retail. The five plastic cards contain over 300 facts and techniques.

RES-Q DEVICES INCORPORATED, 15909 Edminston Rd.
Wilsonville, Oregon 97070
This company produces an inflatable, rescue signal balloon.

GOVERNMENT PRINTING OFFICE BOOKSTORES

Atlanta Bookstore
Room 100, Federal Building
275 Peachtree Street N.E.
Atlanta, Georgia 30303
Telephone: 404-526-6947

Birmingham Bookstore
Room 102A
2121 Building
2121 Eighth Avenue N.
Birmingham, Alabama 35203
Telephone: 205-325-6056

Boston Bookstore
Room G25, John F. Kennedy
Federal Building
Sudbury Street
Boston, Massachusetts 02203
Telephone: 617-233-6071

Canton Bookstore
Federal Office Building
201 Cleveland Avenue
Canton, Ohio 44702
Telephone: 216-455-8971

Chicago Bookstore
Room 1463, 14th Floor
Everett McKinley Dirksen Building
219 South Dearborn Street
Chicago, Illinois 60604
Telephone: 312-353-5133

New York Bookstore
Room 110
26 Federal Plaza
New York, New York 10007
Telephone: 212-264-3826

Philadelphia Bookstore
Main Lobby, U.S. Post Office
and courthouse
9th and Chestnut Streets
Philadelphia, Pennsylvania 19107
Telephone: 215-597-0677

San Francisco Bookstore
Room 1023, Federal Office Building
450 Golden Gate Avenue
San Francisco, California 94102
Telephone: 415-556-6657

Department of State Bookstore
21st and C Streets, N.W.
Washington, D.C. 20520
Telephone: 202-632-1437
(Public access to building controlled
by security regulations).

Government Printing Office
Bookstore
710 North Capitol Street
Washington, D.C. 20402
Telephone: 202-783-3238

Dallas Bookstore
Room 1C46
Federal Building, U.S. Courthouse
1100 Commerce Street
Dallas, Texas 75202
Telephone: 214-749-1541

Denver Bookstore
Room 1421
Federal Building, U.S. Courthouse
1961 Stout Street
Denver, Colorado 80202
Telephone: 303-837-3965

Detroit Bookstore
Room 229, Federal Office Building
321 W. Lafayette Boulevard
Detroit, Michigan 48226
Telephone: 313-226-7816

Kansas City Bookstore
Room 144, Federal Office Building
601 East 12th Street
Kansas City, Missouri 64106
Telephone: 816-374-2160

Los Angeles Bookstore
Room 1015, Federal Office Building
300 North Los Angeles Street
Los Angeles, California 90012
Telephone: 213-688-5841

Department of Commerce
Bookstore
14th and Constitution Avenue, N.W.
Washington, D.C. 20230
Telephone: 202967-3527

USIA Bookstore
1776 Pennsylvania Avenue, N.W.
Washington, D.C. 20547
Telephone: 202-632-9668

Forrestal Bookstore
Room 1-J-001, James Forrestal Building
1000 Independence Avenue, S.W. (L'Enfant Plaza)
Washington, D.C. 20407
Telephone: 202-426-7937

OK, HERE IS YOUR CHANCE TO HAVE YOUR ORGANIZATION, SCHOOL, PUBLICATION, FILM EQUIPMENT, OR WHATEVER INCLUDED IN THE NEXT REVISION OF THIS RESOURCE/TRAINING GUIDE. WE ARE INTERESTED IN ANYTHING THAT WILL IMPROVE TRAINING AND OPERATIONS. SEND US A DESCRIPTION, HOW MUCH IT COSTS, WHERE TO OBTAIN IT, HOW IT APPLIES TO SAR TRAINING OR OPERATIONS, AND ANY EDITORIAL COMMENT.

****

TITLE/AUTHOR:

PUBLISHER/ADDRESS:

AVAILABLE FROM/COST:

DESCRIPTION:

CONTENTS:

ASPECT OF SAR TRAINING:

PROVIDE THE SAME TYPE OF INFORMATION FOR A FILM, SCHOOL, ORGANIZATION OR EQUIPMENT.

SEND TO: RICK LaVALLA, C/O SURVIVAL EDUCATION ASSOCIATION, 9035 GOLDEN GIVEN ROAD, TACOMA, WASHINGTON 98445

****

TITLE/AUTHOR:

PUBLISHER/ADDRESS:

AVAILABLE FROM/COST:

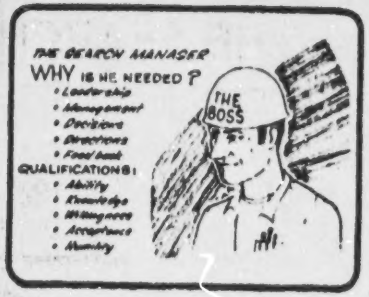
DESCRIPTION:

CONTENTS:

ASPECT OF SAR TRAINING"

PROVIDE THE SAME TYPE OF INFORMATION FOR A FILM, SCHOOL, ORGANIZATION OR EQUIPMENT.

SEND TO: RICK LaVALLA, C/O SURVIVAL EDUCATION ASSOCIATION, 9035 GOLDEN GIVEN ROAD, TACOMA, WASHINGTON 98445

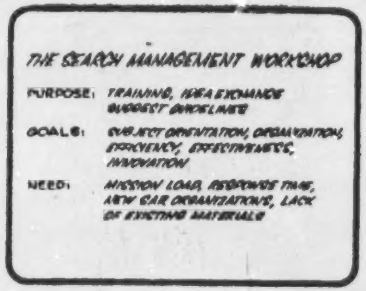


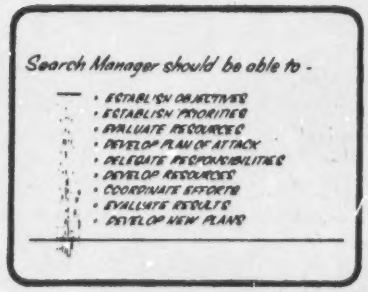
*

This course is designed specifically for those people who will be on-the-scene and in charge (i.e. the county sheriff, park ranger, operations leader, etc.) of managing a search or rescue mission.

*

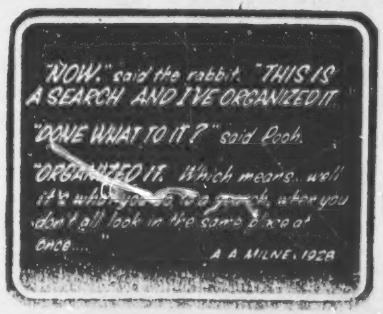
The course content concentrates on the concepts and abilities to manage a search or rescue operation rather than on the skills needed to participate.


THE SEARCH MANAGEMENT WORKSHOP
PURPOSE: TRAINING, IDEA EXCHANGE SUGGEST GUIDELINES
GOALS: OBJECT ORIENTATION, ORGANIZATION, EFFICIENCY, EFFECTIVENESS, INNOVATION
NEED: MISSION LOAD, RESPONSE TIME, NEW SAR ORGANIZATIONS, LACK OF EXISTING MATERIALS



*

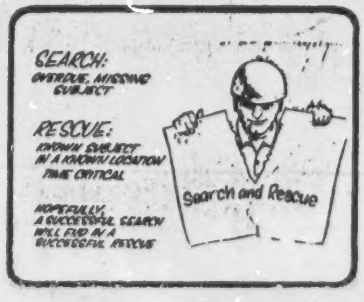
It is not for those.... "Behind the Scenes" coordinators nor for those actually doing the searching


"NOW," said the rabbit, "THIS IS A SEARCH AND I'VE ORGANIZED IT."
"DONE WHAT TO IT?" said Pooh.
"ORGANIZED IT. Which means, well it's what you do in a search, when you don't all look in the same place at once..."
A. A. MILNE, 1928

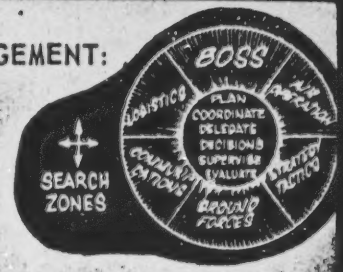
A STEP BY STEP LOOK AT A SEARCH MISSION

GENERAL COURSE OUTLINE

- *Example SAR Mission*
- *Theory and Philosophy*
- *SAR Preplanning*
- *SAR Resources*
- *The First Notice*
- *Planning and Search Data*
- *Investigation and Interrogation*
- *Clue Orientation*
- *Subject Behavior*
- *Mission Urgency and Priorities*
- *Applying SAR Resources*
- *Search Tactics*
- *Establishing Search Areas*
- *Search Area Segmentation*
- *Call - Out*
- *Organization and Leadership*
- *Base Camp Administration*
- *Briefing and Debriefing*
- *Documentation*
- *Media, Relatives, and Political*
- *Rescue and Evacuation*
- *Suspending the Mission*
- *Demobilization*
- *Post Mission*
- *Special SAR Problems*
- *Preventive SAR Education*
- *Statistics and Reporting*


SEARCH:
OVERDUE, MISSING SUBJECT
RESCUE:
KNOWN SUBJECT IN A KNOWN LOCATION TIME CRITICAL
HOPEFULLY, A SUCCESSFUL SEARCH WILL END IN A SUCCESSFUL RESCUE
Search and Rescue

SEARCH MANAGEMENT:



The objective of a search mission always has been to find the lost person in the best possible condition. But circumstances nowadays dictate that we must accomplish this efficiently, effectively, and economically. Efficiency is doing things right -- meaning, perhaps, well-trained resources. Effectiveness is doing the right things right -- well-trained resources combined with good strategy and tactics. What pulls all this together and makes it run smoothly, and therefore economically, is good management.

SEARCH MANAGEMENT: RATIONALE

Reduced to simplest terms, there are three elements that will influence the success of a large search. One is the resources. Obviously, if the right people, equipment, and other resources (dogs, trackers, aircraft, etc., etc.) are readily available, the chances for a successful result are higher than if not. Another element is strategy and tactics -- the way in which the resources are used. The third, and most critical, is the function of management.

The fact is that good management is still lacking on most searches. There may be commendable effort, but many problems still exist and solutions are approached unrealistically.

Good management consists of capable people who know what to do (given a set of circumstances) and who then carry out an action plan through other people. Knowing what to do is the key. One way to develop competence in management is through training.

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MANAGING THE SEARCH FUNCTION

(FINDING A LOST PERSON QUICKER)

A MANAGEMENT COURSE FOR ANYONE RESPONSIBLE FOR OR DEDICATED TO THE TASK OF SEARCHING FOR OR RESCUING OF PEOPLE IN DISTRESS

A NATIONAL SAR TRAINING COURSE CONDUCTED AND SPONSORED BY THE NATIONAL ASSOCIATION FOR SEARCH AND RESCUE, INC.

A MANAGEMENT COURSE FOR ANYONE RESPONSIBLE FOR OR DEDICATED TO THE TASK OF SEARCHING FOR OR RESCUING OF PEOPLE IN DISTRESS

MANAGING THE SEARCH FUNCTION
COURSE OBJECTIVES

1. *MANAGE A SEARCH*
2. *DISCUSS ELEMENTS OF A SEARCH PREPLAN; DESCRIBE ITS IMPORTANCE TO SUCCESSFUL MISSION*
3. *IDENTIFY BASIC SAR RESOURCES; DISCUSS THEIR FUNCTIONS AND LIMITATIONS*
4. *DESCRIBE TACTICS USED IN SEARCH FOR LOST PERSONS*
5. *DESCRIBE RESOURCES/SEQUENCE OF INITIAL ACTION IN APPLYING SAR RESOURCES TO FIND MISSING SUBJECT*
6. *DESCRIBE FUNCTIONS OF EFFECTIVE ORGANIZATION*
7. *DEMONSTRATE ABILITY TO ESTABLISH SEARCH AREA IN A GIVEN MAP PROBLEM*
8. *IDENTIFY KEY FACTORS INVOLVED IN DECIDING TO SUSPEND A MISSION*
9. *DISCUSS IMPORTANCE OF PREVENTIVE SAR PROGRAMS*
10. *DESCRIBE FUNCTION OF CLUE DETECTION IN RELATION TO SEARCH THEORY*

LAND SEARCHES

State-of-the-art is behind rescue in development

BUT -

Lots of new things ARE happening!

THE THEORY AND PRINCIPLES OF

LAND SEARCH

Successful Search is Rooted in Strong Fundamentals

SUCCESS
TACTICS & TECHNIQUES
STRATEGY ORGANIZATION
THEORY of SEARCH

CLIP AND MAIL TO NASAR TRAINING COMMITTEE

Name _____

Organization _____

Address _____

City _____ State _____ Zip Code _____

Phone: Home _____ Business _____

I am a NASAR Member Yes _____ No _____

* Please send me more information on Search Management _____

** Preview package $3.00 Check Enclosed _____

* Keep me on a mailing list for future Course announcements _____

* I am interested in sponsoring a SAR Course in my area _____

CLIP and MAIL this today to
NASAR TRAINING COMMITTEE

NASAR Training Committee
9035 Golden Givens Road
Tacoma Washington 98445

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SEARCH is an EMERGENCY

THE SEARCH MANAGER

WHY IS HE NEEDED?
- Leadership
- Management
- Decisions
- Direction
- Feedback

QUALIFICATIONS:
- Ability
- Knowledge
- Willingness
- Acceptance
- Humility

Search Manager should be able to -
- ESTABLISH OBJECTIVES
- ESTABLISH PRIORITIES
- EVALUATE RESOURCES
- DEVELOP PLAN OF ATTACK
- DELEGATE RESPONSIBILITIES
- DEVELOP RESOURCES
- COORDINATE EFFORTS
- EVALUATE RESULTS
- DEVELOP NEW PLANS

Efficiency is doing things RIGHT

AND

Effectiveness is doing the RIGHT things RIGHT!

ORGANIZATION
LOST SUBJECT
BEHAVIOR

BASE CAMP
ADMINISTRATION
DETERMINING THE
SEARCH URGENCY

STRATEGY AND TACTICS $P_A \times P_D - P_S$

BARRIERS TO PROGRESS
- Tradition
- Inaccurate Data
- False Economy
- Poor Training
- Afraid to take Risks

FIRST NOTICE
RESCUE
RECOVERY
DEBRIEFING

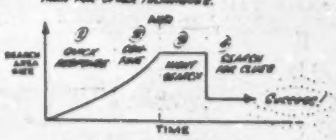
PREPLANNING
DOCUMENTATION
SUSPENDING THE MISSION

YOU ARE WORKING FOR THE LOST SUBJECT

GRID SEARCH as a LAST RESORT

BECAUSE:

THE COST/BENEFIT IS SIGNIFICANTLY LESS THAN FOR OTHER TECHNIQUES.



SEARCH AREA IS THE POTENTIAL MAXIMUM DISTANCE TRAVELLED BY THE SUBJECT.

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MANAGING THE SEARCH FUNCTION PUBLICATIONS

SEARCH IS AN EMERGENCY: A TEXT FOR MANAGING THE SEARCH FUNCTION, by LaValla, Stoffel, Wade, and Brady. 500 pages, illustrated. All of the basic tenets necessary to manage a search are presented in thirty chapters using a step by step format. The text is specifically designed to be used as the student text in the 40 hour "Managing the Search Function" course taught by the National Association for Search and Rescue, and the National Park Service. Each chapter contains learning objectives, an easy to follow content (a combination of outline, charts, checklists, and narrative), and supplemental articles by leading authorities. This text is the only complete authority currently available on this subject.

INSTRUCTOR GUIDE FOR MANAGING THE SEARCH FUNCTION, by LaValla, Stoffel, and Wade. 280 pages, illustrated. This manual will enable anyone with a teaching ability and a general search and rescue knowledge base to teach a 40 hour "Managing the Search Function" course. Each chapter begins with student objectives, training aids required, and references. Illustrations of the teaching slides and overheads augment the easy to follow instructional outlines. A final 60 page chapter contains everything the instructor will need to present 4 table top map exercises, designed to be presented at certain times during the course for optimum student learning.

FIELD COORDINATOR'S HANDBOOK FOR MANAGING THE SEARCH FUNCTION, by LaValla, Stoffel, and Wade. 96 pages, illustrated. A pocket, condensed edition of the "Search Is An Emergency Textbook". Designed as a aid for the Search Manager and contains checklists, charts, and graphs for easy field reference.

✶ see reverse side for content overview ✶

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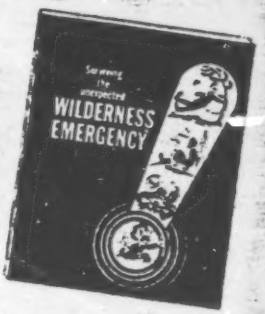

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* * * Search and Rescue, Training Resources * * *

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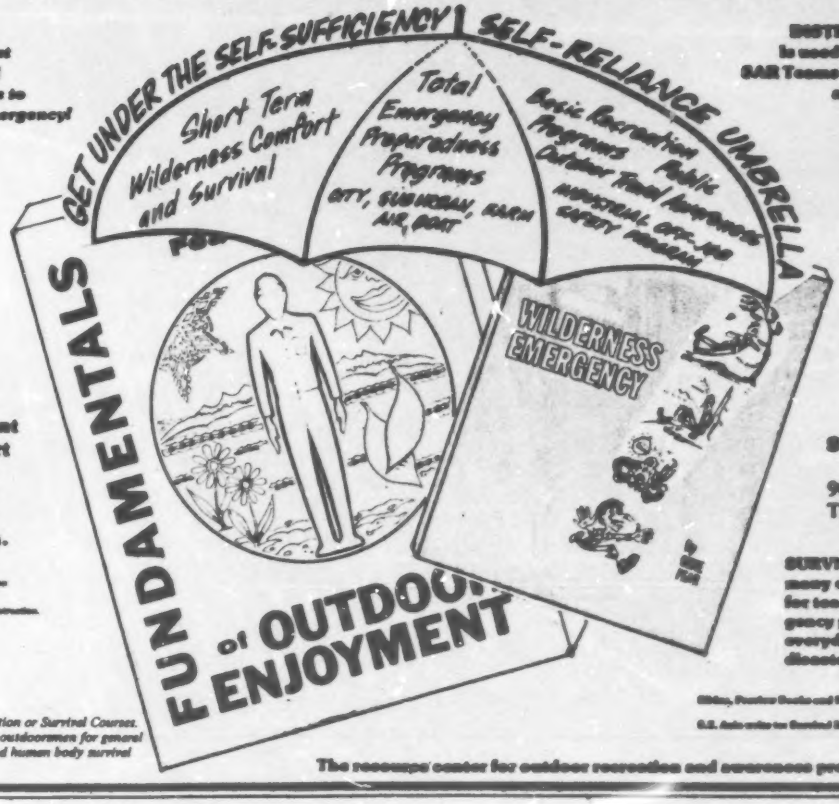

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